

AMPHIPOD

NEWSLETTER

37 (2013)

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Facebook Amphipod group

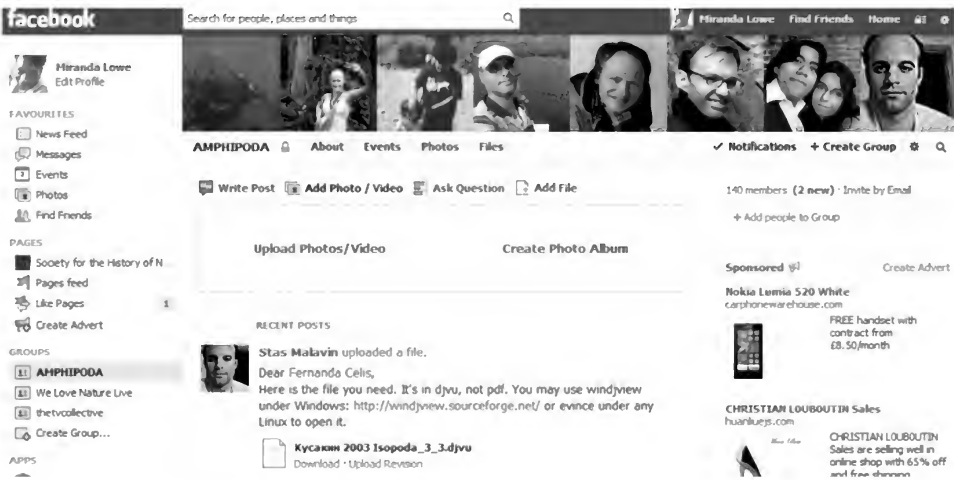
With over 140 members, the Amphipoda Facebook page has gone from strength to strength in the past 2 years. It's a new and dynamic way for the amphipod community to communicate with one another. It provides information, news and sometimes debate about the world of amphipods. Always encouraging to see some new and emerging amphipod taxonomists online providing an extra way to get to know others in your field of work, 'putting a name to a face' in between getting together at conferences and meetings. A problem shared is often a problem halved or solved as questions are often posed on the page. This means that others can learn from expert knowledge or advice given in the hope to ensure consistency of information. The group has become key to exchanging papers - we remember getting requests on postcards for papers housed in our respective institutions, gone are those days! Thanks to Murat Özbek who manages the page as always and we urge others to join and contribute to this fantastic group and keep in the loop!

In the future the AN Editors hope to announce each Amphipod Newsletter once published via Amphipoda Facebook in addition to notification in the more traditional email mailing list.

GREETINGS FROM THE EDITORS

September is upon us - many of us are travelling to the mountains of southern Poland to meet in Szczawnica for the 15th International Colloquium on Amphipoda. We believe many of you have similar feelings - that these meetings are much like family reunions - and we always look forward to them. Look for a summary of the XVth ICA in the next Amphipod Newsletter! We believe these meetings and the bibliographies presented here through the AN are a good source of information for the Amphipod community.

Wim, Adam, Miranda and Anne Helene



INTERVIEW

Edward Lloyd Bousfield

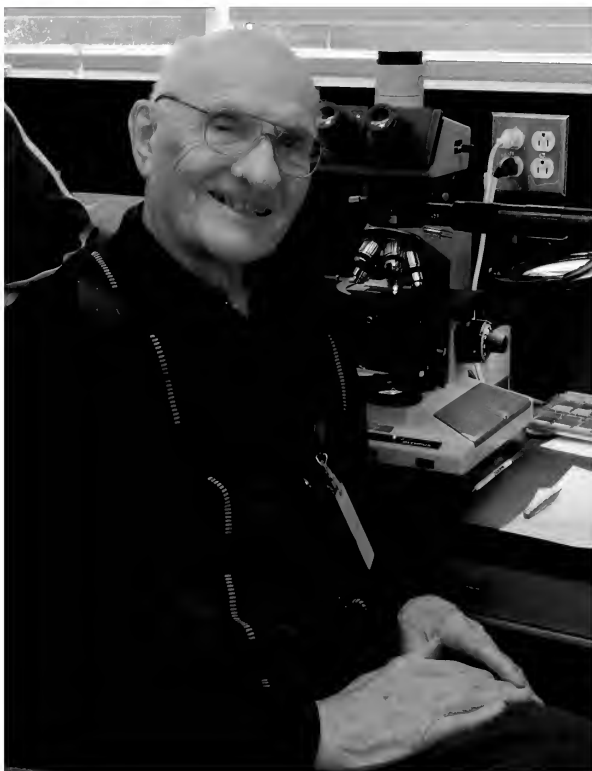
Having turned 87 this past June, Ed Bousfield's research continues and he plans on publishing "his final paper" by year's end. He says, "this final paper, which has "sand-bagged" me for the past five years, is a comprehensive account of sediment-burrowing pontoporeiid amphipods of holarctic marine, brackish, and fresh waters. This group, of which *Pontoporeia femorata* Kr. is the type species, consisted of less than 10 species in 4-5 genera when I started, but has subsequently ballooned to 40+ spp in 8 genera, mostly new to science. Few specimens (esp. pelagic calceolate terminal males) exist in museum collections (only 200+ specimens in 65 lots) mainly because they are difficult to sample, and have been collected almost entirely during brief ice-free summer months. A few specimens have been taken from fish stomach contents. Nearly all specimens have been immersed in formalin at one time or another and are thus unsuitable for DNA barcoding (genetic) treatment. Only about half a dozen amphipod people (including Cédric d'Udekem

d'Acoz) have tackled this group seriously during the past 170+ years. The others were apparently too smart to get involved!"

Ed Bousfield was born in Penticton, B. C., on June 19, 1926, son of the late Reginald Harker, and the late Marjorie Frances (née Armstrong) of Toronto, Ontario. In 1953 he married Barbara Joyce Schwartz, of Halifax, N. S. (deceased 1983) with whom he had four children and nine grandchildren. He was married to Margaret Tuer, Toronto (1984-1992), and in 1994, married Joyce Burton, Ottawa (deceased April, 2009). He attended Riverdale C. I., Toronto (1939 -1944), the University of Toronto (B. A., 1948; M. A., 1949), and Harvard University, Cambridge, MA (PhD., 1954).

He has served at the National Museum of Natural Sciences, Ottawa, as Invertebrate Zoologist (1950-1963), as Chief Zoologist (1964-1974), as Senior Scientist (until his formal retirement in 1984), and has since continued variously as Research Associate and Curator Emeritus. During his career he has studied the taxonomy and distribution of aquatic invertebrates on collecting expeditions all over Canada, in Alaska, on coasts of southern US and the Caribbean, in Australia, and on the HUDSON '70 Expedition in southern South America.

Ed has described (partly co-authored) more than three hundred new crustacean taxa, from species to superfamilies, developed a modern phyletic classification of amphipods, and made major contributions to knowledge of the aquatic fauna of Canada. Since 1955 he and co-workers have conducted extensive field surveys and prepared descriptive papers, especially of North American Pacific amphipods, that form the basis for possible illustrated regional guides. More recently his interests include the classification of Burgess Shale (Middle Cambrian) arthropods, and the biology of marine and freshwater megaserpents, including formal description of *Cadborosaurus willsi*, Bousfield & LeBlond, 1995.



He has been a member of the Canadian Society of Zoologists since 1962, Archivist, 1971-1992, President, 1979-80, and Honorary member, 1992-present. He is a member of the Crustacean Society, the Estuarine Research Federation, the Brodie Club of Toronto, and an Honorary Member of the Ottawa Field-Naturalists' Club. His term as Senior Visiting Investigator at the Marine Biological Laboratory on Cape Cod, 1963-1970, led to publication of an illustrated guide to amphipod crustaceans of the North American Atlantic region (1973). In 1971 he was Professeur Visiteur at Laval University in Quebec City, and at various times since 1973 was associated, as Adjunct Professor of Biology, with Carleton University, and with the Universities of New Hampshire, Toronto, and Washington. Over the years he served as external advisor on the degree committees of MSc. and PhD. students in Canada, the United States, and worldwide.

In 1978, Ed was elected Fellow of the Royal Society of Canada, and in 1985, he received the Government of Canada's Outstanding Achievement Award. Since 1984, he has been a Research Associate with the Royal Ontario Museum in Toronto, and from 1990-1995 with the Royal British Columbia Museum in Victoria BC. From 1993 to the present,

he has been Managing Editor of *Amphipacifica*, a journal of aquatic systematic biology. Following hospitalization in 1997, he retired temporarily from science, but in 1999 returned to Ottawa, and later Victoria and Mississauga, for completion of studies on the Pacific fauna, and on sediment-burrowing pontoporeiid amphipods of Holarctic waters.

His recreational interests include curling, lawn bowling, and musical instruments. He is a co-founder of the "Victoria Melody Makers" swing orchestra, a former member of the "Aged in Harmony" senior men's musical group of Ottawa, the Songsters group at Somerset House, Dallas Rd., in Victoria B. C. He now resides at the Evergreen senior residence in Mississauga, ON. (Some of the comments above were based in part after E. L. Mills, Canadian Encyclopedia, 1983).

1. When and why did you start studying amphipods?

In October, 1948, my MSc supervisor at U. of T, Dr. A. G. Huntsman, suggested I select a group of aquatic invertebrates as a thesis subject. He led me over to the Royal Ontario Museum where his own career collections were stored, and stopped me in front of the pelagic amphipods of the Belle Isle Strait region. These were mostly hyperiids. The thesis was completed in May, 1949, and published in JFRB 8(3): 134-163, 1951. When I obtained the National Museum curatorship in June, 1950, studying amphipods became my major taxonomic concern, especially when a high percentage of everything I collected in Canadian fresh and salt waters, both east and west coasts, proved new to science. The rest is history.

2. What is/are your favorite amphipod species name?

A difficult choice, but I have long been intrigued by Bob Croker's very apt generic name *Jerbarnia* (1971) honouring the most prolific amphipodologist of all time, the late Dr. J. (Jerry) Laurens Barnard. I believe there is also a caprellid amphipod with the



ICA IV in Schlitz, 1975

interesting species name
“*abracadabra*”.

3. What amphipod appendage(s) do you like illustrating the best?

Another difficult choice because nearly all appendages are interesting in one way or another. My own preference is the antennal calceolus which, grossly similar in structure to a TV antenna, is presumably a microdetector of very high frequency vibrations that are apparently present in waters containing live organisms. The precise origin and nature of such vibrations are as yet unknown, but some are apparently sex-related.



From ICA in Maine 1989

These minute organelles are found only in amphipod crustaceans and only in about 10, mostly primitive, superfamilies of gammarideans whose members tend to mate freely in the water column.

4. What amphipod appendage(s) do you like illustrating the least?

The upper and lower lips of

amphipods, although easy to illustrate, show relatively few taxonomically significant character states and to me are thus less interesting than other appendages.

5. Where is/are your favorite place(s) to collect amphipods?

I have collected in a great many habitats along temperate and tropical shores, in both northern and southern hemisphere. My own preference is along the rocky shores of the Pacific coast of North America.

6. Places you wished you never tried to collect amphipods?

I am not a speleologist and, although trying it a few times (e.g., successfully in Hawaii), am not by nature drawn to collecting cave amphipods. I am also not drawn to Arctic shores, where speciation is relatively low.

7. Describe/name your most



From ICA in Cork, 2005

memorable amphipod moment(s)?

Discovering a credible basis for superfamily treatment of gammaridean amphipods (long-known for hyperiids and caprellids) and, with the Bishop museum's Frank Howarth, finding hypogean talitrid amphipods in a lava tube on the island of Kauai (Hawaii).

8. Describe/name your most memorable amphipod meeting(s)?

Since the early sixties I have attend a number of interesting amphipod meetings. Perhaps the most memorable were the meetings (1) at Schlitz, Germany



From ICA in Blacksburg, 1978

(in 1975), afterwards with a visit to the late Jan Stock's museum in the Netherlands, and (2) in Cork, Ireland in 2005, where I presented 3 papers and, with my wife Joyce, toured the ruggedly beautiful west coast.

9.

How did Amphipacifica get started? And what is the status of this journal?

During the early nineties I was involved (with colleagues) in production of monographic papers on North American Pacific amphipods that proved overly large for standard scientific journals, yet required prompt publication. Hence the start-up of an irregularly published desk-top journal, *Amphipacifica*. The final issue(s) are to appear later this year (2013).

10. Any other general thoughts/comments?

I can't believe the Canadian government has paid me, so very well and so long into retirement, for doing something that has been such a life-long challenge and sheer joy to carry out. How lucky can one be?!!

To conclude, Ed mentions "a career in amphipodology at the National Museum of Canada has brought a lifetime of scientific challenge, a host of stimulating colleagues, and much professional happiness. When I took over the museum invertebrate curatorship in June, 1950, only about 2000 species of amphipods in perhaps 70 families had been described. Today, more than 60 years later, and following intense systematic work on the group especially by Jerry Barnard, Jan Stock, Gordan Karaman, John Holsinger, Jim Lowry, Alan Myers, Tom Bowman, Fred Schram, our National Museum group, and many many others too numerous to mention here, the total is now about 9000 species, in two tribes, and more than 40 superfamilies and 140 families. In closing out my

work later this year, I am especially grateful to colleagues world-wide who, despite differences of systematic and phyletic opinion, have been most helpful, courteous, and respectful of my own contributions. I cannot imagine a more satisfying and productive life's work. I warmly thank all colleagues for making these contributions possible and sharing their career pleasures with me."



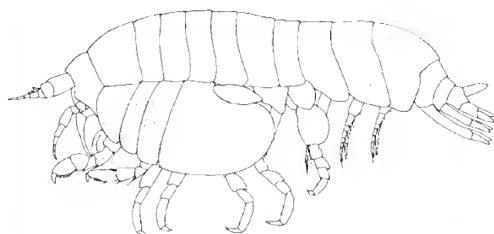
Thank you Ed!

Please send us suggestions of people whom we should interview next!

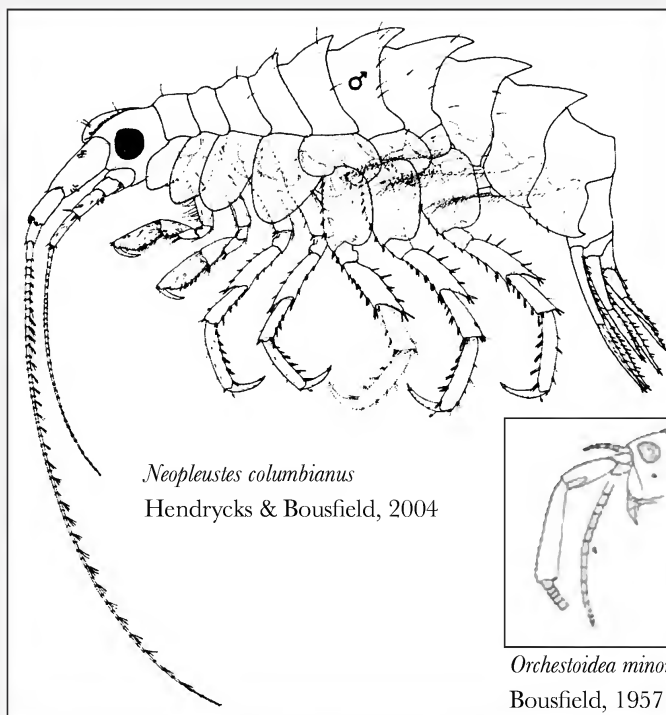
From the beginning until now

Most of the taxonomy-oriented amphipodologists work quite a lot with illustrations, and both contemporary style and knowledge with illustration-techniques change. As a new feature in our series of interviews we present one of the first and one of the most contemporary of the illustrations of our interviewee. Here is Ed's first species (*Orchestoidea minor* from 1957) and one of the newer.

Many species and at least two genera are named in honour of Ed. One of them is *Bouscephalus*:



Bouscephalus mamillidacta (Moore, 1992) - 3 mm holotype from Amchitka Island, Alaska originally described in the genus *Stegocephalopsis*. Berge & Vader, 2001 erected this new genus in honor of Ed Bousfield



Neopleustes columbianus
Hendrycks & Bousfield, 2004

Orchestoidea minor
Bousfield, 1957



D. Steele at the Schlitz-meeting in 1975

Don Steele In Memoriam

Don Steele passed away on March 16, 2013. Don was a prominent amphipod worker, and Amphipod Newsletter would like to give the readers a presentation of his work in the next Amphipod Newsletter. We would also like to bring some nice pictures of Don, and we encourage our readers to send any pictures of him to us. For the official obituary from his home university, the Memorial University of Newfoundland, Canada, see <http://www.mun.ca/biology/news.php?id=1768>.

NEW CLASSIFICATION

Jim Lowry and Alan Myers presented in a paper (Zootaxa 3610 (1), 2013: 001-080) a new classification for a part of the Amphipoda Gammaridea, the Senticaudata. For the convenience of the readers of AN, we present here their Table 1 (pg 20), which shows the classification of the Senticaudata subord. nov.

Classification of the Senticaudata subord. nov.

Infraorder Carangoliopsida (2 families)	Subfamily Acuminodeutopinae
Parvorder Carangoliopsidira	Subfamily Unciolinae
Superfamily Carangoliopsoidea	Superfamily Cheluroidea
Family Carangoliopsidae	Family Cheluridae
Family Kairosidae	Superfamily Chevalioidea
Infraorder Talitrida (15 families)	Family Chevaliidae
Parvorder Talitridira	Superfamily Corophioidea
Superfamily Biancolinoidea	Family Ampithoidae
Family Biancolinidae	Subfamily Ampithoinae
Superfamily Caspicoloidea	Subfamily Exampithoinae
Family Caspicolidae	Family Corophiidae
Superfamily Kurioidae	Subfamily Corophiinae
Family Kuriidae	Tribe Corophiini
Family Tulearidae	Tribe Haplocheirini
Superfamily Talitroidea	Tribe Paracorophiini
Family Ceinidae	Subfamily Protomedeiinae
Family Chiltoniidae	Parvorder Caprellidira
Family Dogielinotidae	Superfamily Aetiopedesoidea
Family Eophliantidae	Family Aetiopedesidae
Family Hyalellidae	Family Paragammaropsidae
Family Hyalidae	Superfamily Caprelloidea
Subfamily Hyacheliinae	Family Caprellidae
Subfamily Hyalinae	Subfamily Caprellinae
Family Najnidae	Subfamily Paracercopinae
Family Phliantidae	Subfamily Phtisicinae
Family Plioplateidae	Family Caprogammaridae
Family Talitridae	Family Cyamidae
Family Temnophliantidae	Family Dulichiidae
Infraorder Corophiida (21 families)	Family Podoceridae
Parvorder Corophiidira	Superfamily Isaeoidea
Superfamily Aoroidea	Family Isaeidae
Family Aoridae	Superfamily Microprotopoidea
Family Unciolidae	Family Microprotopidae
	Superfamily Neomegamphoidea

- Family Neomegamphopidae
- Family Priscomilitariidae
- Superfamily Photoidea
 - Family Ischyroceridae
 - Subfamily Bonnierellinae
 - Subfamily Ischyrocerinae
 - Tribe Ischyrocerini
 - Tribe Siphonoecetini
 - Family Kamakidae
 - Subfamily Aorchinae
 - Subfamily Kamakinae
 - Family Photidae
- Superfamily Rakirooidea
 - Family Rakiroidae
- Infraorder Hadziida (12 families)
- Parvorder Hadziidira
- Superfamily Hadzioidea
 - Family Crangoweckeliidae
 - Family Eriopisidae
 - Family Gammaroporeiidae
 - Family Hadziidae
 - Family Maeridae
 - Family Melitidae
 - Family Metacrangonyctidae
 - Family Nuuanuidae
- Superfamily Calliopioidea
 - Family Calliopiidae
 - Family Cheirocratidae
 - Family Hornelliidae
 - Family Pontogeneiidae
- Infraorder Bogidiellida (3 families)
- Parvorder Bogidiellidira
- Superfamily Bogidielloidea
 - Family Artesiidae
 - Family Bogidiellidae
 - Family Salentinellidae
- Infraorder Gammarida (40 families)
- Parvorder Crangonyctidira
- Superfamily Allocrangonyctoidea
 - Family Allocrangonyctidae
 - Family Crymostygiidae
 - Family Dussartiellidae
 - Family Pseudoniphargidae
 - Family Kergueleniolidae
- Superfamily Crangonyctoidea
 - Family Austroniphargidae
 - Family Chillagoecidae
 - Family Crangonyctidae
 - Family Giniphargidae
 - Family Kotumsaridae
 - Family Neoniphargidae
 - Family Niphargidae
 - Family Paracrangonyctidae
 - Family Paramelitidae
 - Family Perthiidae
 - Family Pseudocrangonyctidae
 - Family Sandroidae
 - Family Sternophysingidae
 - Family Uronyctidae
- Parvorder Gammaridira
- Superfamily Gammaroidea
 - Family Acanthogammaridae
 - Family Anisogammaridae
 - Family Baikalogammaridae
 - Family Bathyporeiidae
 - Family Behningiellidae
 - Family Falklandellidae
 - Family Gammaracanthidae
 - Family Gammarellidae
 - Family Gammaridae
 - Family Iphigenellidae
 - Family Luciobliviidae
 - Family Macrohectopidae
 - Family Mesogammaridae
 - Family Micruropodidae
 - Family Pachyschesidae
 - Family Pallaseidae
 - Family Paraleptamphopidae

Family Phreatogammaridae
Family Pontogammaridae
Family Sensoatoridae
Family Typhlogammaridae

Incertae Sedis
Family Iciliidae
Family Sanchoidae

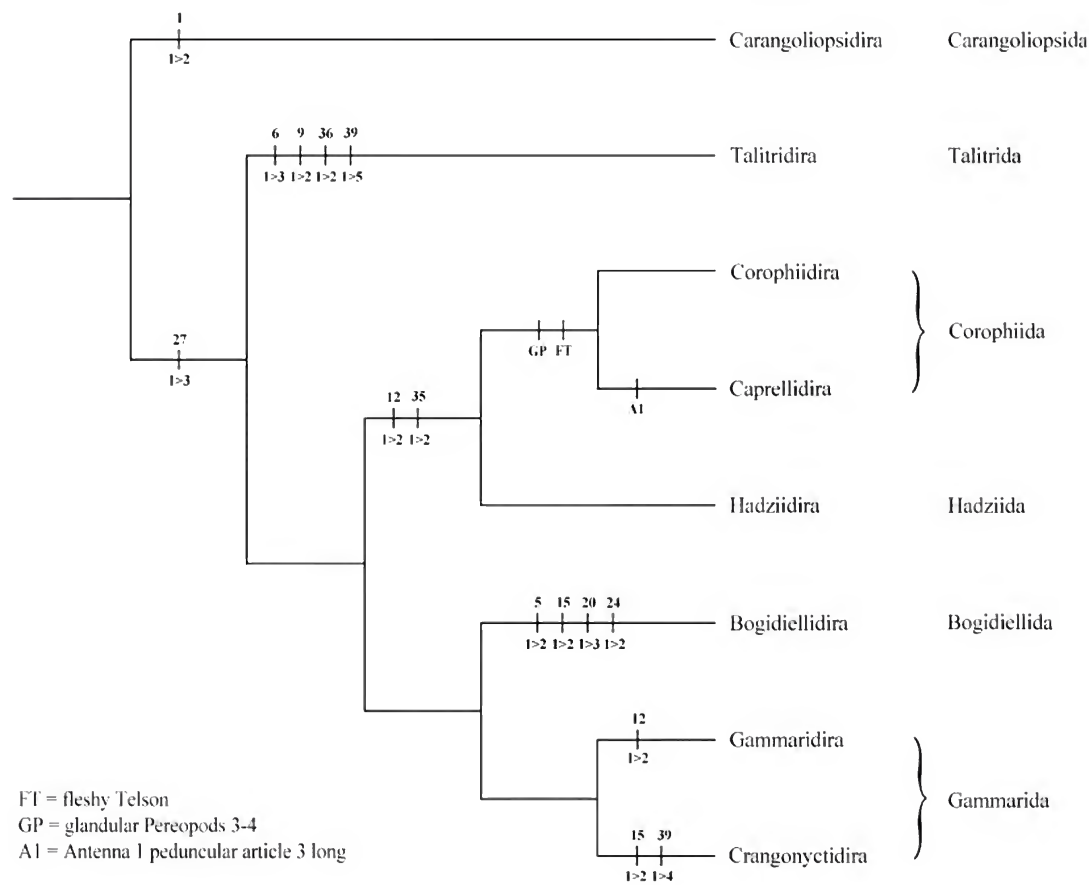


Figure 9 from Lowry & Myers 2013. Cladogram of relationships of parvorders within the Senticaudata

Short information and news

Checklist for disseminating your publication:

1)send pdf to Ch. Oliver Coleman and to Amphipod Newsletter editors

2)tell Amphipod Facebook group

Upcoming ICAs

XVI ICA - sept 5-10, 2015 Aveiro, Portugal

XVII ICA - 2017 Izmir, Turkey

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Chemosphere, 92(5), 483-489. (The invasive species is *Dikerogammarus villosus*, the native one *Gammarus roeselii*. The invasive species has a 5-fold higher tolerance to the chemical.)

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BUSCHBAUM, C., D. LACKSCHEWITZ & K. REISE 2012. Nonnative macrobenthos in the Wadden Sea ecosystem. ---- *Ocean and Coastal Management*, 68, 89-101. (Two amphipods, *Caprella mutica* and *Gammarus tigrinus*.)

BYERS, J. E., P. E. GRIBBEN, C. YEAGER & E. T. SOTKA 2012. Impacts of an abundant introduced ecosystem engineer within mudflats of the southeastern US coast. ---- *Biological Invasions*, 14, 2587-2600. (The invader is the red alga *Gracilaria vermiculophylla*.)

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CABEZAS, M. P., C. NAVARRO-BARRANCO, M. ROS & J. M. GUERRA-GARCIA 2012. Long-distance dispersal, low connectivity and molecular evidence of a new cryptic species in the obligate rafter *Caprella andreae* Mayer, 1890 (Crustacea: Amphipoda: Caprellidae). ---- *Helgoland Marine Research*, DOI 10.1007/s10152-012-0337-9. (The new species is morphologically extremely similar to *C. andreae*, and is not yet erected and described here.)

CAIRES, A. M., S. CHANDRA, B. L. HAYFORD & M. E. WITTMANN 2013. Four decades of change: dramatic loss of zoobenthos in an oligotrophic lake exhibiting gradual eutrophication . ---- *Freshwater Science* 32, 692-705. (Lake Tahoe, California)

CAMPANA, O., S. L. SIMPSON, D. A. SPADAROT & J. BLASCOT 2012. Sub-lethal effects of copper to benthic invertebrates explained by sediment properties and dietary exposure. ---- *Environmental Science and Technology*, 46(12), 6835-6842. (*Melita plumulosa* one of test animals.)

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- CARROLL, M. L. & W. G. AMBROSE 2012. Benthic infaunal community variability on the northern Svalbard shelf. ---- *Polar Biology* 35, 1259-1272. (Polychaetes and *Thyasira* dominant.)
- CARTES, J. E., E. FANELLI, C. LOPEZ-PÉREZ & M. LEBRATO 2013. Deep-sea macroplankton distribution (at 400 to 2300m) in the northwestern Mediterranean in relation to environmental factors. ---- *Journal of Marine Systems*, 113-114, 75-87.
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- CHAPMAN, N. D., C. G. MOORE, D. B. HARRIS & A. E. LYNDON 2012. The community associated with biogenic reefs formed by the polychaete, *Serpula vermicularis*. ---- *Journal of the Marine Biological Association UK* 92, 679-685.
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- CHAW, R. C. & N. H. PETER 2012. Independent migration of cell populations in the amphipod crustacean *Parhyale hawaiiensis*. ---- *Developmental Biology*, 371(1), 94-109.
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- CHEN, Y., S. G. CHEUNG & P. K. S. SHIN 2013. A baseline study of benthic community associated with Amphioxus Sand in subtropical Hong Kong. ---- *Marine Pollution Bulletin*, 72(1), 274-280.
- CHOWN, S. L., A. H. L. HUISKES, N. J. M. GREMMEN, J. E. LEE, A. TERAUDS, K. CROSBIE, Y. FRENOT, K. A. HUGHES, S. IMURA, K. KIEFER, M. LEBOUVIER, B. RAYMOND, M. TSUJIMOTO, C. WARE, B. VAN DE VIJVER & D. M. BERGSTROM 2012. Continent-wide risk assessment for the establishment of nonindigenous species in Antarctica. ---- *Proceedings of the National Academy of Sciences*, doi: 10.1073/pnas.111978710
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FUGÈRE, V., P. ANDONI, R. ESPINOSA, F. ANTHELME, D. JACOBSEN & O. DANGLES 2012. Testing the stress-gradient hypothesis with aquatic detritivorous invertebrates: insights for biodiversity ecosystem functioning research. ---- *Journal of Animal Ecology* 81, 1259-1267. (Not seen. A study on a caddisfly and a *Hyalella* sp in the Andes.)

GALIL, B. S. 2012. Truth and consequences: the bioinvasion of the Mediterranean Sea. ---- *Integrative Zoology* 7, 299-311.

GALLARDO, B., M. P. ERREN & D. C. ALDRIDGE 2012. Application of bioclimatic models coupled with network analysis for risk assessment of the killer shrimp, *Dikerogammarus villosus*, in Great Britain. ---- *Biological Invasions* 14, 1265-1278. ('The species is very likely to continue its spread in Great Britain, dramatically affecting the native biodiversity.')

GARCÍA, M. E., A. RODRÍGUES CAPÍTULO & L. FERRARI 2012. Age differential response of *Hyalella curvispina* to a cadmium pulse: Influence of sediment particle size. ---- *Ecotoxicology and Environmental Safety* 80, 214-220.

GARCIA-VARELA, M., C.-D. PINACHO-PINACHO, A.-L. SERENO URIBE & B. MENDOZA-GARFIAS 2013. First record of the intermediate host of *Pseudocorynosoma constrictum* Van Cleave, 1918 (Acanthocephala. Polymorphidae) in central Mexico. ---- *Comparative Parasitology* 80, 171-178. (The intermediate host is *Hyalella azteca*.)

GARTNER, A., F. TUYA, P. S. LAVERY & K. McMAHON 2013. Habitat preferences of macroinvertebrate fauna among seagrasses with varying structural forms. ---- *Journal of Experimental Marine Biology and Ecology* 439, 143-151.

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GEMMER, I. & R. GERGS 2013. Characterization of the first twelve microsatellite loci for the amphipod *Gammarus roselii* (Crustacea: Amphipoda). *Conservation Genetic Resources*, (in press) DOI: 10.1007/s12686-013-9941-5

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- GESSNER, M. O. & J. HINES 2012. Stress as a modifier of biodiversity effects on ecosystem processes? ---- *Journal of Animal Ecology* 81, 1143-1145. (Comments on the paper by Fugère et al., 2012 in the same journal)
- GESTOSO, I., C. OLABARRIA & J. S. TRONCOSO 2013. Selection of habitat by a marine amphipod. ---- *Marine Ecology*, in press DOI: 10.1111/maec.12068 (A laboratory study, showing that *Amphitholina cuniculus* prefers *Bifurcaria* above other local brown algae).
- GHAREYAZIE, B. & A. MOTTAGHI 2012. Studing (sic) *Pontogammarus maeoticus* among Southern coast of Caspian Sea. ---- *Middle-East Journal of Scientific Research* 12, 1484-1487. (This is a study of the genetic variation in four populations; no significant polymorphisms)
- GISMONDI, E., J.-N. BEISEL & C. COSSU-LEGUILLE 2012. Influence of gender and season on reduced glutathione concentration and energy reserves of *Gammarus roeseli*. ---- *Environmental Research* 118, 47-52.
- GISMONDI, E., J.-N. BEISEL & C. COSSU-LEGUILLE 2012. *Polymorphus minutus* affects antitoxic responses of *Gammarus roeseli* exposed to cadmium. ---- *PLoS ONE* 7 (7): e41475 (18 p). doi:10.1371/journal.pone.0041475
- GISMONDI, E., C. COSSU-LEGUILLE & J.-N. BEISEL 2013. Do male and female gammarids defend themselves differently during chemical stress? ---- *Aquatic Toxicology* 140-141, 432-438. (Yes, in the case of cadmium female *Gammarus roeselii* defend themselves better.)
- GISMONDI, E., T. TIGAUD, J.-N. BEISEL & C. COSSU-LEGUILLE 2012. Microsporidia parasites disrupt the responses to cadmium exposure in a gammarid. ---- *Environmental Pollution* 160, 17-23. (*Gammarus roeseli*)
- GLAZIER, D. S., T. I. BROWN & A. T. FORD 2012. Similar offspring production by normal and intersex females in two populations of *Gammarus minus* (Malacostraca, Amphipoda) with high levels of intersexuality. ---- *Crustaceana* 85, 901-915. (Not seen)
- GODARD, M. J., P. I. DAVISON, G. H. COPP & P. D. STEBBING 2013. *Review of invasion pathways and provisional pathway management plan for non-native ponto-caspian species of potential invasion risk to Great Britain*. ---- Cefas Final Contract report C 5524 (Not seen)
- GOLDING, L. A., U. BORGMANN & D.G. DIXON 2012. Cadmium bioavailability to *Hyalella azteca* from a periphyton diet compared to an artificial diet and application of a biokinetic model. ---- *Aquatic Toxicology* 120, 291-298.
- GOLOVAN, O., M. BLAZEWICZ-PASZKOWYCZ, A. BRANDT, L. L. BUDNIKOVA, N. O. ELSNER, V. V. IVIN, A. V. LAVRENTEVA, M. V. MALYUTINA, V. V. PETRYASHOV & L. A. TZAREVA 2012. Diversity and distribution of peracarid crustaceans (Malacostraca) from the continental slope and the deep-sea basin of the Sea of Japan. ---- *Deep-Sea Research II* 86/87, 66-78. (65 spp of amphipods are listed in Table 2, often with provisional identifications.)
- GOLUBKOV, S. M. & N. A. BEREZINA 2012. Phosphorus excretion by bottom invertebrates of inland water bodies. ---- *Doklady Biological Sciences* 444, 192-194. (i.a. *Gammarus lacustris* and *Gammaracanthus loricatus*.)

- GOMES VELOSO, V., J. AZEVEDO SALLORENZO, W. K. ANDRADE BARROS & G. NEVES de SOUZA 2012. Analysis of feeding behavior and food consumption rate of *Atlantorchestoidea brasiliensis* (Crustacea: Talitridae). ---- *Ciencias Marinas* 38, 653-664. (Not seen)
- GOMEZ, J. & O. DEFEO 2012. Predictive distribution modeling of the sandy-beach supralittoral amphipod *Atlantorchestoidea brasiliensis* along a macroscale estuarine gradient. ---- *Estuarine, Coastal and Shelf Science* 98, 84-93. (Not seen)
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- GONCALVES, S. C., P. M. ANASTACIO & J. C. MARQUES 2013. Talitrid and tylid crustaceans bioecology as a tool to monitor and assess sandy beaches' ecological quality condition. ---- *Ecological Indicators* 29, 549-557. (Studies of i.a. *Talitrus saltator* and *Talorchestia brito* in Portugal and the Mediterranean.)
- GONZALO, C. & J. A. CAMARGO 2013. The impact of an industrial effluent on the water quality, submersed macrophytes and benthic macroinvertebrates in a dammed river in Central Spain. ---- *Chemosphere*, in press (*Echinogammarus calvus* is very sensitive to fluoride ions.)
- GOODMAN, K. M. & M. E. HAY 2012. Activated chemical defenses suppress herbivory on freshwater red algae. ---- *Oecologia* 171 (4), 921-933.
- GOROKHOVA, E., M. LÖF, M. REUTGARD, M. LINDSTRÖM & B. SUNDELIN 2013. Exposure to contaminants exacerbates oxidative stress in amphipod *Monoporeia affinis* subjected to fluctuating hypoxia. ---- *Aquatic Toxicology* 127, 46-53.
- GOTTSTEIN, S., F. KRSINIC, I. TERNJEJ, N. CUKROV, P. KUTLESA & B. JALZIC 2012. Shedding light on crustacean species diversity in the anchihaline caves of Croatia. ---- *Natura Croatica* 21, Suppl. 1, 54-58. (Five amphipod spp listed in Table 2)
- GRABOWSKI, M., M. RACHALEWSKI, F. BANHA & P. ANASTACIO 2012. *Crangonyx pseudogracilis* Bousfield, 1958—the first alien amphipod crustacean in freshwaters of the Iberian Peninsula (Portugal). ---- *Knowledge and Management of Aquatic Ecosystems* 404 (11), 5 pp. (i.a, *Gammarus fossarum*, *Niphargus virei* and *N. rhenothodanensis*.)
- GRABOWSKI, M., T. REWICZ, K. BACELA-SPYCHALSKA, A. KONOPACKA, T. MAMOS & K. JAZDZEWSKI, 2012. Cryptic invasion of Baltic lowlands by freshwater amphipod of Pontic origin. ---- *Biological Invasions* 7, 337-346. (This is *Gammarus varsoviensis*, now recognized as a Pontic invader)
- GRAENING, G. O., D. C. ROGERS, J. R. HOLSINGER & C. BARR 2012. Checklist of inland aquatic Amphipoda (Crustacea: Malacostraca) of California. ---- *Zootaxa* 3544, 1-27. (Deals with 62 species, including 7 *Stygobromus* spp still to be described. Brackish waters are included in this checklist)
- GRINTSOV, V. A. 2010. On finding *Dexamine thea* (Amphipoda, Dexaminidae) in the Ukrainian territorial waters (Crimea, Black Sea). ---- *Vestnik Zoologii* 44, 281-283.

- GUBAN, P. I. 2011. *Spatial genetic structure in Monoporeia affinis in contaminated and uncontaminated localities in the Baltic Sea*. ---- Examen Population Genetics, Univ. of Stockholm (Not seen)
- GUERRA-GARCIA, J. M., C. NAVARRO-BARRANCO, J. CORZO, V. COBOS-MUÑOZ, E. M. GARCIA-ADEIEGO, F. S. GIMENEZ & J. C. GARCIA-GOMEZ 2012. An illustrated key to the soft-bottom caprellids (Crustacea: Amphipoda) of the Iberian Peninsula and remarks to their ecological distribution along the Andalusian coast. ---- *Helgoland Marine Research* 67, 321-338. (Covers 19 species, with habitus figures of all species and many ecological data.)
- GUERRA-GARCIA, J. M. & J. E. SANCHEZ-MOYANO 2013. Spatio-temporal distribution of the Caprellidae (Crustacea: Amphipoda) associated with the invasive seaweed *Asparagopsis armata* Harvey in the Southern Iberian Peninsula. ---- *Zoologia Baetica* 24, 3-17. (Eight caprellid species found.)
- GUIDONE, M., C. S. THORNER & E. VINCENT 2012. Snail grazing facilitates growth of two morphologically similar bloom-forming *Ulva* species through different mechanisms. ---- *Journal of Ecology* 100 (5), 1105-1112. (The *Ilyanassa* snails graze on *Corophium* burrows.)
- GULER, Y., S. SHORT, P. KILE & A. T. FORD 2012. Integrating field and laboratory evidence for environmental sex determination in the amphipod, *Echinogammarus marinus*. ---- *Marine Biology* 159, 2875-2884.
- GUTT, J., D. K. A. BARNES, S. J. LOCKHART & A. van de PUTTE 2013. Antarctic macrobenthic communities: A compilation of circumpolar information. ---- *Nature Conservation* 4, 1-13.
- GUZIK, M. T., M. A. ADAMS, N. P. MURPHY, S. J. B. COOPER & A. D. AUSTIN 2012. Desert springs: deep physiological structure in an ancient endemic crustacean (*Phreatomeras latipes*). ---- *PLoS One* 7 (7), e37642.
- HALL, L. W. & R. D. ANDERSON 2013. The relationship of metals, bifenthrin, physical habitat metrics, grain size, total organic carbon, dissolved oxygen and conductivity to *Hyalella* sp abundance in urban California streams. ---- *Journal of Environmental Science and Health, A* 48, 360-369. (Not seen)
- HARWOOD, A. D., P. F. LANDRUM & M. J. LYDY 2013. Bioavailability-based toxicity endpoints of bifenthrin for *Hyalella azteca* and *Chironomus dilutus*. ---- *Chemosphere* 90, 1117-1122.
- HEKMATARA, M., V. ZAKSEK, M. HEIDARI BALADEHI & C. FISER 2013. Two new species of *Niphargus* (Crustacea: Amphipoda) from Iran. ---- *Journal of Natural History* 47, 21-22. (Deals with *N. khayyami* n. sp. (Kermanshah Prov.) and *N. khwarizmi* n. sp. (140km N of Tabriz, E. Azarbaijan Prov.).)
- HELLMANN, C., B. WISSEL & C. WINKELMANN 2013. Omnivores as seasonally important predators in a stream food web. ---- *Freshwater Science* 32, 548-562. (i.a. *Gammarus pulex*)
- HENNINGER, T. O. & P. W. FRONEMANN 2013. Role of the sandprawn *Callichirus kraussi* as an ecosystem engineer in a South African temporarily open/closed estuary. ---- *African Journal of Aquatic Science* 38, 101-107. (i.a. *Grandidierella lignorum*.)
- HERRERA, H. W. 2012. *CDF checklist of Galapagos terrestrial crustaceans*. ----7 pp, in F. Bungartz, H. Herrera, P. Jaramillo, N. Tirado, G. Jimenez-Uzcategui, D. Ruiz, A. Guézou & A. Ziemmeck (eds). Charles Darwin Foundation Galapagos species checklist. (The list seems to contain all non-marine species of the islands)

- HERVANT, F. 2012. *Variation in subterranean species versus surface-dwelling species: crustaceans, fish, and salamanders*. Pp 91-101 in M. D. McCue (ed.). *Comparative physiology of fasting, starvation, and food limitation*. Springer-Verlag Berlin Heidelberg
- HEWSON, I., J. B. EAGLESHAM, T. O. HÖÖK, B. A LaBARRE, M. S. SEPULVEDA, P. D. THOMPSON, J. M. WATKINS & L. G. RUDSTAM 2013. Investigation of viruses in *Diporeia* spp from the Laurentian Great Lakes and Owasco Lake as potential stressors of declining populations. ---- *Journal of Great Lakes Research*, in press. (Not seen)
- HIPFNER, J. M., B. ADDISON & M. R. CHARETTE 2012. Dietary segregation between two cohabiting species of sparrows revealed with stable isotope analysis. ----*Canadian Journal of Zoology*, in press.(On a Br. Columbian island, both Fox and Song Sparrows feed i.a. on amphipods in the intertidal zone.)
- HIWATARI, T., Y. SHINOTSUKA & H. MORINO 2011. Phylogenetic relationships among families and genera of taltroidean amphipods (Crustacea) deduced from 28S rRNA gene sequences. ---- *Biogeography* 13, 1-8. (Not seen, unfortunately)
- HO, C.-K. & S. C. PENNINGS 2013. Preference and performance in plant-herbivore interactions across latitude- a study in US Atlantic saltmarshes. ---- *PloS One* 8(3), e59829.
- HORTON, T. & M. THURSTON 2013. *Hirondellea namarensis* (Crustacea: Amphipoda: Lysianassoidea: Hirondelleidae), a new deep-water scavenger species from the Mid-Atlantic Ridge. ---- *Marine Biology Research* 9:5-6, 554-562. (From 49°01'N, 27° 42'W, 2627m. A key to all *Hirondellea* species is provided.)
- HORTON, T., M. H. THURSTON & G. A. DUFFY 2013. Community composition of scavenging amphipods at bathyal depths on the Mid-Atlantic ridge. ---- *Deep-Sea Research II*, in press. (Amphipods listed in Table 1)
- HOU, Z., J. LI & S. LI 2013. Ten new *Gammarus* species (Crustacea: Amphipoda: Gammaridae) from Yunnan-Guizhou Plateau, China. ---- *Zootaxa* 3687, 1-95. (Deals with *G. amabilis* n. sp., a blind species (a cave in Dasha river, Guizhou), *G. citatus* n. sp. (Lamping Co, Yunnan), *G. echinatus* n. sp. (Heqing Co., Yunnan), *G. egregius* n. sp. (Ninglang Co., Yunnan) , *G. eliquatus* n. sp. (Xiaguan, Yunnan), *G. hirtellus* n. sp. (blind, cave in Meitan Co., Guizhou), *G. margcomosus* n. sp. (Qujing, Yunnan), *G. rivalis* n. sp. (Xundian Co., Yunnan), *G. silendus* n. sp. (blind, cave in Xishui Co., Guizhou) and *G. tranquillus* n. sp. (cave in Suiyang Co., Guizhou)), another blind species. A key to all *Gammarus* species in the area is also provided.)
- HOUSTON, S. 2013. Osmotic regulation of the amphipod *Gammarus chevreuxi* (Sexton, 1912). ---- *The Plymouth Student Scientist* 6, 104-118. (A hyperosmotic regulator.)
- HUBBARD, D. M., J. E. DUGAN, N. K. SCHOOLER & S. M. VIOLA 2013. Local extirpations and regional declines of endemic upper beach invertebrates in southern California. ---- *Estuarine, Coastal and Shelf Science*, in press. (i.a. *Megalorchestia* spp)
- HUGHES, L. E. 2012. New and little-known Podoceridae (Peracarida: Amphipoda) of southern Australia. ---- *Records of the Australian Museum* 64, 71-120. (Deals with *Cyrtophium minutum*, *Leipsuropus parasiticus*, *Podocerus akanthius* n. sp. (Twofold Bay, NSW), *P. dentatus*, *P. hystrix*, *P. inconspicuus*, *P. lobatus*, *P. manawatu*, *P. oliphant* n. sp. (St Helen's Point, Tas.), *P. tamoshanta* n. sp. (Ulladulla, NSW), *P. vulgaris* n. sp. (Ulladulla, NSW), and *P. wanganui*.)

- HUGHES, L. E. 2013. Podoceridae of tropical Australia (Peracarida: Amphipoda). ---- *Records of the Australian Museum* 65, 1-37. (Deals with *Laetmatophilus dabberi*, *L. triceratops* n. sp. (Arafura Sea, 9°22'S, 133°40'E), *Podocerus clavicarius* n. sp. (Dampier Arch., W. Austr.), *P. cf. crenulatus*, *P. ferreus* n. sp. (Darwin, NT), *P. hanapepe*, *P. lobatus*, *P. miscix* n. sp. (Bedout Island, W. Austr.), *P. orontes* n. sp. (Cobourg peninsula, NT), *P. rockingham* n. sp. (Cape Peron, W. Austr.), *P. talegus lawai*, *P. walkeri* (with *P. sandroruffoi* and *P. andamanensis* s. Wongkamhaeng et al. 2009 as junior synonyms), and *P. zeylanicus*)
- HUGHES, L. & A. BOPIAH 2013. New species of *Nuuanu* (Amphipoda: Nuuanuidae) from Norfolk Island, Torres Strait and the Cocos (Keeling) Islands. ---- *Zootaxa* 3641, 165-176. (Deals with *Nuuanu merringanee*, *N. quintalana* n. sp. (Norfolk Isl.), *N. stuckeyorum* n. sp. (Cocos (Keeling) Islands) and *N. titaseyi* n. sp. (Hawkesbury Isl., Torres Strait))
- HUGHES, L. & A.-N. LÖRZ 2013. Family placement of the enigmatic *Otagia neozelanica* (Chilton, 1897) Haustoriidea: Otagiidae fam. nov. (Amphipoda: Crustacea). ---- *Zootaxa* 3636, 439-450. (With an extensive discussion and a key to all Haustoriidea families.)
- HURT, C., S. H. D. HADDOCK & W. E. BROWNE 2013. Molecular phylogenetic evidence for the reorganization of the Hyperiid amphipods, a diverse group of pelagic crustaceans. ---- *Molecular Phylogenetics and Evolution* 67, 28-37. (A most interesting and important paper, suggesting several changes in the traditional classification of the Hyperiidea.)
- HUTCHINS, B. T., R. U. TOVAR & B. J. SCHWARTZ 2013. New records of stygobionts from the Edwards Aquifer of central Texas. ---- *Speleobiology Notes* 5, 14-18. (i.a. *Seborgia relict*a and *Stygobromus russelli*.)
- HWANG, S.-W., H.-K. KANG, Y.-B. SON, M.-C. JANG & K. H. CHOI. Collapse of the crustacean mesozooplankton in the Northern China Sea: Effects of the Three Gorges Dam? ---- *Journal of Coastal Research*, in press (Not seen)
- HYNE, R. V., R. M. MANN, C. T. DILLON, M. D. de JONGE, D. PATERSON & D. L. HOWARD 2013. Secondary vitellogenesis persists despite fecundity in amphipods maintained on metal-contaminated sediment: X-ray fluorescence assessment of oocyte metal content. ---- *Exotoxicology and Environmental Safety* 93, 31-38. (*Melita plumulosa*).
- IBARRI, M. I., F. FREITA, S. COSTA-DIAS, C. ANTUNES, L. GUILHERMINO & R. SOUSA 2012. Associated macrozoobenthos with the invasive Asian clam *Corbicula fluminea*. ---- *Journal of Sea Research* 72, 113-120. (A Portuguese study.)
- IKEDA, T. 2013. Metabolism and chemical composition of marine pelagic amphipods: synthesis towards a global bathymetric model. ---- *Journal of Oceanography* 69 (3), 339-355.
- IKEN, K. 2012. *Grazers on benthic seaweeds*. Pp 157-175 in C. Wiencke & K. Bischof (eds). *Seaweed Biology*. Springer Verlag Berlin Heidelberg.
- JAHNKE, M., J. E. SMITH, A. DUBUFFET & A. M. DUNN 2013. Effects of feminizing microsporidia on the masculinizing function of the androgenic gland in *Gammarus duebeni*. ---- *Journal of Invertebrate Pathology* 112, 146-151.

- JAMIESON, A. J., N. C. LACEY, A.-N. LÖRZ, A. A. ROWLES & S. B. PIERTNEY 2013. The supergiant amphipod *Alicella gigantea* Crustacea: Alicellidae) from hadal depths in the Kermadec Trench. ---- *Deep-Sea Research II* 93, 107-113. (The first records from the Southern hemisphere, at almost 7000m depth in the Kermadec Trench.)
- JAUME, D., T. M. ILIFFE & J. v. d. HAM 2013. A new *Psammogammarus* (Amphipoda: Eriopisidae) from anchialine pools on the Exuma Cays, Bahamas. ---- *Zootaxa* 3700, 48-64. (*P. lucayensis* n. sp. from Little Iguana Cay, Exuma Cays, Bahamas.
- JAUME, D. & R. VONK 2012. Discovery of *Metacrangonyx* in inland groundwaters of Oman (Amphipoda: Gammaridea: Metacrangonyctidae). ---- *Zootaxa* 3335, 54-68. (Deals with *M. dhofarensis* n. sp. (Dhofar Governorate, Oman), characterized by a sexually dimorphic P.4. It is the easternmost reported *Metacrangonyx* species.)
- JAZDZEWSKI, K. & M. GRABOWSKI 2011. *Alien crustaceans along the southern and western Baltic Sea*. ---- Pp 323-344 in B. S. Galil et al. (eds), *In the wrong place—Alien marine crustaceans. Distribution, Biology and Impacts. Invading Nature—Springer Series in Invasion Biology* 6. (Deals with 9 amphipod species.)
- JELASSI, R., A. AYARI-AKKARI, D. BOHLI-ABDERRAZAL & K. NASRI-AMMAR 2012. Endogenous locomotor activity rhythm of two sympatric species of talitrids (Crustacea, Amphipoda) from the supralittoral zone of Bizerte lagoon (Northern Tunisia). ---- *Biological Rhythm Research* 44 (2), 265-275. (*Orchestia gammarellus* and *O. montagui*.)
- JELASSI, R. & K. NASRI-AMMAR 2012. Temporal variation in the shore amphipod community in the supralittoral zone of Bizerte lagoon (northern Tunisia). ---- *Crustaceana* 85, 433-446. (Not seen)
- JEONG, S. J., H.-L. SUH & C.-K. KANG 2012. Trophic diversity in amphipods within a temperate eelgrass ecosystem as determined by gut contents and C and N isotope analysis. ---- *Marine Biology* 159, 1943-1954. (data on *Gammaropsis japonicus*, *Jassa slatteryi*, *Pontogeneia rostrata* and *Monocorophium acherusicum*)
- JOURDE, J., P.-G. SUARIAN, S. GUENNETEAU & E. CAILLOT 2013. First record of *Grandidierella japonica* Stephensen, 1938 (Amphipoda: Aoridae) from mainland Europe. ---- *BioInvasions Records* 2, 51-55. (Found near Oléron Island, SW France.)
- JUBEAUX, G., F. AUDOUARD-COMBE, R. SIMON, R. TUTUNDJIAN, A. SALVADOR, O. GEFFARD & A. CHAUMOT 2012. Vitellogenin-like proteins among invertebrate species diversity: potential of proteomic mass spectrometry for biomarker development. ---- *Environmental Science & Technology* 46, 6315-6323. (i.a. *Gammarus fossarum*)
- JUBEAUX, G., R. SIMON, A. SALVADOR, C. LOPES, E. LACAZE, H. QUÉAU, A. CHAUMOT & O. GEFFARD 2012. Vitellogenin-like protein measurement in caged *Gammarus fossarum* males as a biomarker of endocrine disruptor exposure: inconclusive experience. *Aquatic Toxicology* 122/123, 9-18. <http://dx.doi.org/10.1016/j.aquatox.2012.05.007>
- JUNOY, J., C. CASTELLANOS, J. VIEITEZ & R. RIERA 2013. Seven years of macroinfauna monitoring at Ladeira beach after the Prestige oil spill. ---- *Oceanologia* 55, 393-407. (Not seen)
- JUST, J. 2012. Siphonoecetini Just, 1983 (Crustacea, Amphipoda, Ischyroceridae) 10: *Belkginoecetes* gen. nov., *Tropicoecetes* gen. nov. and *Rhinocoetes* Just, 1983 from north-eastern and northern Australian shallow water,

with eight species. ---- *Zootaxa* 3528, 1-28. (Deals with *Belkginocetes* n. gen., with as type species *B. cooeae* n. sp. (Coee Bay, Qld) and as further species *B. springthorpei* n. sp. (Airlie Beach, Qld), *B. solea* n. sp. (Magnetic Island, Townsville, Qld), *B. fleurae* n. sp. (Port Douglas, Qld), *B. darwiniense* (recte *darwiniensis*) n. sp. (Darwin, NT), and *B. bullockyensis* n. sp. (Darwin, NT). The new genus *Tropicoecetes* is erected for *T. carinata* n. sp. (Cobourg Peninsula, NT). *Rhinoecetes anneae* n. sp. was also collected in Darwin, NT, while some material from Townsville is identified as *R. ?rhinoceros*. A key to *Belkginocetes* spp is provided.)

JUST, J. 2013. *Metopa gigas* sp. nov. from southern Greenland, a giant among congeners (Crustacea, Amphipoda, Stenothoidae). ---- *Zootaxa* 3641, 289-295. (This new species, 19mm large, was found in Godthaabsfjord, West Greenland, as well as several other Greenland localities.)

KAIM-MALKA, R. A. 2012. *Haploops antennata*, a new species from the North Atlantic Ocean (Crustacea: Gammaridea: Ampeliscidae) [Contribution to the knowledge of the genus *Haploops*. 7.] ---- *Zootaxa* 3320 , 36-46. (*H. antennata* n. sp. from off Concarneau, W. France. A key to all *Haploops* spp is provided.)

KALLÉN, J., H. MULLER, M. L. FRANKEN, A. CRISP, C. STROH & C. LAWRENCE 2012. Seagrass-epifauna relationships in a temperate South African estuary: interplay between patch-size, within-patch location and algal fouling. ---- *Estuarine, Coastal and Shelf Science* 113, 213-220.

KARAMAN, G. S. 2012. The anchihaline Amphipoda (Crustacea) in the subterranean waters of Crna Gora (Montenegro). ---- *Natura Croatica* 21, Suppl. 1, 68-70 (12 species listed. NB. This is Gordan's 'Contribution to the knowledge of the Amphipoda' nr 261!!)

KARAMAN, G. S. 2012. New species of the subterranean genus *Niphargus* Schiödte, 1849 (Amphipoda, Gammaridea, Niphargidae) from Russia, *N. krasnodarus* sp. n. (Contribution to knowledge of Amphipoda 256.)---- *Biologia Serbica* 24, 75-88 (Near Krasnodar, E. of the Black Sea. With a survey of all earlier described *Niphargus* spp from Russia)

KAYA, M., K. Ö. TOZAK, T. BARAN, G. SEZEN & I SARGUN 2013. Natural porous and nano fiber chitin structure from *Gammarus argaeus* (Gammaridae Crustacea). ---- *EXCLI Journal* 12, 503-510.

KEDRA, M., K. KULINSKI, W. WALKUSZ & J. LEGEZYNSKA 2012. The shallow benthic food web structure in the high Arctic does not follow seasonal changes in the surrounding environment. ---- *Estuarine, Coastal and Shelf Science* 114, 183-191. (A study from Kongsfjorden, Svalbard, with i.a. data on 15 amphipod species.)

KEMBLE, N. E., D. K. HARDESTY, C. G. INGERSOLL, J. L. KUNZ, P. K. SIBLEY, D. L. CALHOUN, R. J. GILLIOM, K. M. KUIVILA, L. H. NOWELL & P. W. MORAN 2012. Contaminants in stream sediments from seven United States metropolitan areas: part II—Sediment toxicity to the amphipod *Hyaella azteca* and the midge *Chironomus dilutus*. ---- *Archives of Environmental Contamination & Toxicology* 64, 52-64.

KENNY, N., S. QUAH, P. W. H. HOLLAND, S. S. TOBE & J. H. L. HUI 2013. How are comparative genomics and the study of microRNAs changing our views on arthropod endocrinology and adaptations to the environment? ---- *General and Comparative Endocrinology* 188, 16-22.

KIM, M.-S. & G.-S. MIN 2013. A new beach-hopper species, *Paciforchestia gageoensis* (Crustacea, Amphipoda, Talitridae) from South Korea. ---- *Proceedings of the Biological Society of Washington* 126, 25-38. (From Gageo-do Island, S. Korea)

- KIM, Y.-H., E. A. HENDRYCKS & K.-S. LEE 2012. New genera and species of the *Synchelidium* group (Amphipoda: Oedicerotidae) from Asia-North Pacific. ---- *Journal of Natural History* 46, 2349-2376. (Deals with *Orthomanus* n. gen, for *O. koreanus* n.sp. (Goseung-gun, East Sea, Korea), *Imbachoculodes* n. gen., with type species *I. namhaensis* n. sp. (Tongyeong-si, Korea) and further species *I. vietnamensis* n. sp. (Bay of Nha-Trang, Vietnam), *I. angustipes* (Ledoyer), and *I. longirostratus* (Hirayama), and *Sinoediceros hwanghaensis* n. sp. (Boleumdo Island, Korea). A key to the Pacific genera in the *Synchelidium* group is provided, as well as a synoptic table.)
- KIM, Y.-H., S.-S. HONG, K. CONLAN & K.-S. LEE 2012. The genus *Peramphithoe* Conlan & Bousfield, 1982 from Korean waters (Crustacea: Amphipoda: Ampithoidae). ---- *Zootaxa* 3400, 1-19. (Deals with *P. baegryeongensis*, *P. chujaensis* n. sp. (Sanchujado Island, Jeju-si), *P. eoa*, *P. namhaensis*, *P. orientalis*, and *P. tea*. A key is provided.)
- KING, R. A., T. BRADFORD, A. D. AUSTIN, W. F. HUMPHREYS & S. J. B. COOPER 2012. Divergent molecular lineages and not-so-cryptic species: the first descriptions of stygobitic chiltoniid amphipods (Talitroidea: Chiltoniidae) from Western Australia. ---- *Journal of Crustacean Biology* 32(3), 465-488. (Deals with *Scutachiltonia* n.gen. erected for *S. axfordi* n.sp. from the Sturt Meadows calcrete, Western Australia, *Stygochiltonia* n.gen. erected for *S. bradfordae*, n.sp. also from the Sturt Meadows calcrete, and *Yilgarniella* n.gen. erected for *Y. sturtensis* n.sp., again from the Sturt Meadows calcrete. Molecular studies of COI-sequence, morphological descriptions. All new taxa described solely by King.)
- KNOX, M. A. 2012. *Diversity of New Zealand deep-sea amphipods*. ---- Dr Phil. Thesis, Univ. of Waikato, New Zealand. (Not seen)
- KNOX, M. A., I. D. HOGG, C. A. PILDITCH, A.-N. LÖRZ, P. D. N. HEBERT & D. STEINKE 2012. Mitochondrial DNA (COI) analyses reveal that amphipod diversity is associated with environmental heterogeneity in deep-sea habitats. ---- *Molecular Ecology* 21 (19), 4885-4897. (A fascinating study of phoxocephalid assemblages in two areas off New Zealand, Chatham Rise and the Challenger Plateau.)
- KNOX, M. A., I. D. HOGG, C. A. PILDITCH, A.-N. LÖRZ & S. D. NODLER 2012. Abundance and diversity of epibenthic amphipods (Crustacea) from contrasting bathyal habitats. ---- *Deep-Sea Research I* 62, 1-9. (A New Zealand study)
- KOBAK, J., T. KAKAREKO, L. JERMACZ & M. POZNANSKA 2012. The impact of zebra mussel (*Dreissena polymorpha*) periostracum and biofilm cues on habitat selection by a Ponto-Caspian amphipod *Dikerogammarus haemobaphes*. ---- *Hydrobiologia* 702, 215-226.
- KOBAK, J., M. POZNANSKA & T. KAKAREKO 2012. Behavioural changes of zebra mussel *Dreissena polymorpha* (Bivalvia) induced by Ponto-Caspian gammarids. ---- *Biological Invasions* 14, 1851-1863.
- KOBAYASHI, H., Y. HATADA, T. TSUBOUCHI, T. NAGAHAMA & H. TAKAMI 2012. The hadal amphipod *Hirondellea gigas* possessing a unique cellulase for digesting wooden debris buried in the deepest seafloor. ---- *PLoS one* 7(8): e42727. doi:10.1371/journal.pone.0042727
- KOBAYASHI, S., T. GOMI, R. C. SIDLE & J. N. NEGISHI 2013. Distribution of amphipods (*Gammarus nipponensis* Ueno) among mountain headwater streams with different legacies of debris flow occurrence. ---- *Ecohydrology* 6, 117-124.

- KOEHLER, A. V. & R. POULIN 2012. Clone-specific immune reactions in a trematode crustacean system. ---- *Parasitology* 139, 128-136.
- KOESTER, M., S. CLASZEN & R. GERGS 2013. Establishment of group-specific PCR primers for the identification of freshwater macroinvertebrates. ---- *Conservation of Genetic Resources*, in press.
- KOLARIKOVA, K., W. vonTUMPLING & P. BARTELS 2012. Bioaccumulation of HCH isomers in selected macroinvertebrates from the Elbe River; sources and environmental implications. ---- *Environmental Monitoring and Assessment* 185 (5), 4333-4346. doi:10.1007/s10661-012-2872-x
- KORNOBIS, E. & S. PÁLSSON 2012. The ITS region of groundwater amphipods: length, secondary structure and phylogenetic information content in Crangonyctoids and Niphargids. ---- *Journal of Zoological Systematics and Evolution Research* 51, 19-28.
- KOTTA, J., M. PÄRNOJA, T. KATAJISTO, M. LEHTINIEMI, S. A. MALAVIN, G. REISAHN & V. E. PANOV 2013. Is a rapid expansion of the invasive amphipod *Gammarus tigrinus* Sexton, 1939 associated with niche selection: a case study in the Gulf of Finland, the Baltic Sea. ---- *Aquatic Invasions*, in press.
- KRAAN, C., G. AARTS, T. PIERSMA & C. F. DORMANN 2012. Temporal variability of ecological niches: a study on intertidal macrobenthic fauna. ---- *Oikos* 122 (5), 754-760.
- KRAFT, A., E. BAUERNFEIND, E., E.-M. NÖTHIG, M. KLAGES, A. BESZCZYNSKA-MÖLLER & U. V. BATMANN 2013. Amphipods in sediment traps of the eastern Fram Strait with focus on the life-history of the lysianassoid *Cyclocaris guilelmi*. ---- *Deep-Sea Research I* 73, 62-72. (Nine species of amphipods found, with *Cyclocaris* by far the most common.)
- KRAFT, A., J. BERGE, Ø. VARPE & S. FALK-PETERSEN 2012. Feeding in Arctic darkness: mid-winter diet of the pelagic amphipods *Themisto abyssorum* and *T. libellula*. ---- *Marine Biology* 160, 241-248. (The amphipods feed actively, mainly on calanoid copepods.)
- KRAIJ-FISER, S., J. M. SCHNEIDER & M. KUNTNER 2013. Challenging the Aggressive Spillover Hypothesis: Is pre-copulatory sexual cannibalism a part of a behavioural syndrome? ---- *Ethology* 119, 615-623.
- KRAPP-SCHICKEL, T. 2013. New or amended data on Mediterranean Amphipoda: genera *Dexamine*, *Erichthonius* and *Stenothoe*. ---- *Zootaxa* 3613 (2), 125-145. (Deals with *Dexamine spinosa*, *D. filiola* n.sp. (Portovenere, Liguria, Italy), *Erichthonius didymus* n. sp. (Laguna di Venezia, Italy), *Stenothoe dollfusi* and *S. cattai*. Keys to Mediterranean *Dexamine*, *Erichthonius*, and those Mediterranean *Stenothoe* with a spinose telson are provided.)
- KRAPP-SCHICKEL, T. & W. VADER 2012. Leucothoid and maerid amphipods (Crustacea) from deep regions of the North Atlantic. ---- *Helgoland Marine Research* 67, 383-396. (Deals with *Maera loveni*, *Leucothoe* aff. *spinicarpa* and *L. uschakovi*. A key to adult males of Atlantic *Leucothoe* spp is provided.)
- KREBES, L., M. BLANK, J. FRANKOWSKI & R. BASTRUP 2010. Molecular characteristics of the Microsporidia of the amphipod *Gammarus duebeni* across its natural range revealed hidden diversity, wide-ranging prevalence and potential for co-evolution. ---- *Infections, Genetics and Evolution* 10, 1027-1038.

- KRETSCHMANN, A., R. ASHAUER, J. HOLLENDER & B. L. ESCHER 2012. Toxicokinetic and toxicodynamic model for diazinon toxicity—mechanistic explanation of differences in the sensitivity of *Daphnia magna* and *Gammarus pulex*. ---- *Environmental Toxicology and Chemistry* 31, 2014-2122.
- KRISTENSEN, E., M. DELEFOSSE, C. O. QUINTANA, G. T. BENTA, H. C. PETERSEN & B. JORGENSEN 2012. Distribution pattern of benthic invertebrates in Danish estuaries: The use of Taylor's power law as a species-specific indicator of dispersion and behavior. ---- *Journal of Sea Research* 77, 70-78. (A Danish study, with i.a. *Corophium volutator*)
- KRISTJANSSON, T. Ö., J. E. JONSSON & J. SVAVARSSON. Spring diet of Common Eiders (*Somateria mollissima*) in Breidafjörður, West Iceland, indicates non-bivalve preferences. ---- *Polar Biology* 36, 61-72.
- KRÖNCKE, I., H. REISS & J. W. DIPPNER 2013. Effects of cold winters and regime shifts on macrofauna communities in shallow coastal regions. ---- *Estuarine, Coastal and Shelf Science* 119, 79-90.
- KUPISCH, M., S. MOENICKES, J. SCHLIEF, M. FRASSL & O. RICHTER 2012. Temperature-dependent consumer-resource dynamics: A coupled structured model for *Gammarus pulex* (L.) and leaf litter. ---- *Ecological Modelling* 247, 157-167.
- LABAY, V. S. 2012. *Paramoera anivae* a new species of Eusiridae Stebbing, 1888 (Crustacea: Amphipoda: Gammaridea) from the Okhotsk Sea. ---- *Zootaxa* 3475, 69-85. (From Aniva Bay, S. Sakhalin Island. A table compares the 10 Far Eastern spp of *Paramoera*.)
- LABAY, V. S. 2013. (Additional data on the morphology and distribution of *Protomedeia chelata* (Amphipoda, Corophiidae).) ---- *Zoologicheskij Zhurnal* 92, 415-427. (In Russian).
- LABAY, V. 2013. Review of amphipods of the *Melita* group (Amphipoda: Melitidae) from the costal (sic) waters of Sakhalin Island (Far East of Russia). I. Genera *Megamoera* Bate, 1862 and *Armatomelita* gen. nov.. ---- *Zootaxa* 3700, 65-112. (Deals with *Megamoera similidentata* n. sp. (NE shelf of Sakhalin Island, *M. striata* n. sp. (also NE shelf of Sakhalin Island), *M. falsomikulitschae* n. sp. (Aniva Bay, Sea of Okhotsk), and *M. aequidentatum* (recte *aequidentata*) n. sp. (also Aniva Bay). A key to all *Megamoera* spp is provided, as well as a phenogram. The new genus *Armatomelita* is erected for *A. tshayensis* n. gen. n. sp. (again from Aniva Bay).)
- LAFOREST, B. J., A. K. WINEGARDNER, O. A. ZAHEER, N. W. JEFFERY, E. E. BOYLE & S. J. ADAMOWICZ 2013. Insights into biodiversity sampling strategies for freshwater microinvertebrate faunas through bioblitz campaigns and DNA barcoding. ---- *MBC Ecology* 13, 13 (doi: 10.1186/1472-6785-13-13).
- LAGRUE, C., A. GÜVENATAM & L. BOLLACHE 2012. Manipulative parasites may not alter intermediate host distribution but still enhance their transmission: field evidence for increased vulnerability to definitive hosts and non-host predator avoidance. ---- *Parasitology* 140, 258-265. (The acanthocephalans *Echinorhynchus truttae* and *Polymorphus minutus* in *Gammarus pulex*.)
- LAURO, F. M., R. A. CHASTAIN, S. FERRIERA, J. JOHNSON, A. A. YAYANOS & D. H. BARTLETT 2013. Draft genome sequence of the deep-sea bacterium *Shewanella benthica* strain KT99. ---- *Genome Announcements* 1 (3), e300210-13. (Recovered from trapped amphipods at 9856m depth.)
- LAURO, F. M., T. K. STRATTON, B. A. CHASTAIN, S. FERRIERA, J. JOHNSON, S. M. D. GOLDBERG, A. A. YAYANOS & D. H. BARTLETT 2013. Complete genome sequence of the deep-sea bacterium *Psychromonas*

- strain CNPT3. ---- *Genome Announcements* 1 (3), e00304-13. (Isolated from decaying amphipods collected from 5700m in the Central N. Pacific.)
- LAWNICZAK, M., C. ROMESTAING, D. ROUSSEL, C. MAAZOUZI, D. RENAULT & F. HERVANT 2013. Preventive antioxidant responses to extreme oxygen level fluctuation in a subterranean crustacean. ---- *Comparative Biochemistry & Physiology*, A165, 299-303. (*Niphargus rhenorhodanensis*.)
- LE BIHAN, T., J. RAYNER, M. M. ROY & L. SPAGNOLO. 2013. *Photobacterium profundum* under pressure: A MS-based label-free quantitative proteomics study. ---- *PloS One* 8 (5), e60897. (Isolated from an amphipod homogenate collected at 2500m in the Sulu Sea.)
- LEE, M. R. & J. C. CASTILLA 2012. Do changes in microhabitat availability within a marine reserve reduce the species richness of small mobile macrofauna and meiofauna? ---- *Journal of the Marine Biological Association UK* 92, 1283-1288. (Not seen)
- LEEUWIS, L., P. M. van BODEGOM, J. ROZEMA & G. M. JANSSEN 2012. Does beach nourishment have long-term effects on intertidal macroinvertebrate species abundance? ---- *Estuarine, Coastal and Shelf Science*, in press. (A Dutch study on i.a. *Bathyporeia sarsi* and *Haustorius arenarius*.)
- LÉLU, M., M. LANGLAIS, M.-L. POULLE, E. GILOT-FROMONT & S. GANDON 2013. When should a trophically and vertically transmitted parasite manipulate its intermediate host? The case of *Toxoplasma gondii*. ---- *Proceedings of the Royal Society B* 280 (1765), in press. doi: 10.1098/rspb.2013.1143
- LEWIS, C. & A. T. FORD 2012. Infertility and male aquatic invertebrates: A review. ---- *Aquatic Toxicology* 120/121, 79-89.
- LEWIS, S. E., A. HODEL, T. STURDY, R. TODD & C. WEIGL 2012. Impact of acanthocephalan parasites on aggression behavior of amphipods (*Gammarus pseudolimnaeus*). ---- *Behavioural Processes* 91, 159-163.
- LEWIS, S. E., A. YOKOFICH, M. MOHR, C. KURTH, R. GIULIANI & M. G BALDRIDGE 2012. Exposure to bisphenol A modulates hormone concentrations in *Gammarus pseudolimnaeus*. ---- *Canadian Journal of Zoology* 99, 1414-1421.
- LI, M., D. M. COSTELLO & G. A. BURTON, 2012. Interactive effects of phosphorus and copper on *Hyalella azteca* via periphyton in aquatic ecosystems. ---- *Ecotoxicology and Environmental Safety* 83, 41-46.
- LIM, J. H. C., A. B. A. RAHIM & I. TAKEUCHI 2012. *Microtripus tinggiensis*, new genus and species (Amphipoda, Phtisicidae) from Pulau Tinggi, East Johor Archipelago, Malaysia. ---- *Proceedings of the Biological Society of Washington* 125, 241-251.
- LOLAS, A. & D. VAFIDIS 2013. Population dynamics of two caprellid species (Crustacea: Amphipoda: Caprellidae) from shallow hard bottom assemblages. ---- *Marine Biodiversity* 43, 227-236. (*Caprella acanthifera* and *Phtisica marina*.)
- LONGSHAW, M. & S. K. MALHAM 2013. A review of the infectious agents, parasites, pathogens and commensals of European cockles (*Cerastoderma edule* and *C. glaucum*). ---- *Journal of the Marine Biological Association UK* 93, 227-247. (Amphipods completely overlooked.)

LÖRZ, A.-N., S. KAISER & D. BOWDEN 2013. Macrofaunal crustaceans in the benthic boundary layer from the shelf break to abyssal depths in the Ross Sea (Antarctica). ---- *Polar Biology* 36, 445-451.

LÖRZ, A.-N., K. LINSE, P. J. SMITH & D. STEINKE 2012. First molecular evidence for underestimated biodiversity of *Rhachotropis* (Crustacea, Amphipoda), with description of a new species. ---- *PLoS One* 7(3), 332365. (The new species, with Lörz as sole author (thus listed incorrectly in AN 36), is *R. novazealandica* from the Chatham Rise, NZ)

LOWRY, J. K. 2012. Talitrid amphipods from ocean beaches along the New South Wales coast of Australia (Amphipoda, Talitridae). ---- *Zootaxa* 3575, 1-26. (Deals with *Bellorchestia mariae* n. sp (Jervis Bay, NSW), *B. richardsoni*, *Notorchestia quadrimana* (with both *N. novaehollandiae* and *N. lobata* as junior synonyms. A neotype is established.), *Platorchestia smithi* n. sp. (Brooms Head Beach, NSW), and *Vallorchestia* new genus, erected for *Orchestia dispar* Dana, 1852. Interestingly, this paper is exclusively illustrated by excellent SEM pictures.)

LOWRY, J. K. & A. BOPIAH 2012. *Britorchestia*, a new talitrid genus from western Europe and the Mediterranean and a revision of *Pseudorchestoidea* and *Sardorchestia* (Crustacea, Amphipoda, Talitridae). ---- *Zootaxa* 3451, 60-67. (Deals with *Britorchestia* new genus, erected for *Talorchestia brito* and *T. ugolinii*; *Pseudorchestoidea* (with *P. biolleyi*, *P. meridionalis* and *P. mexicana*, not described here) and *Sardorchestia*, with the type *S. peleciformis* and *Orchestoidea gracilis*, here redescribed and transferred to *Sardorchestia*.)

LOWRY, J. K. & A. BOPIAH 2013. The talitrid amphipods of Tonga (Crustacea, Amphipoda, Talitridae). ---- *Zootaxa* 3681, 347-380. (Deals with *Platorchestia ano* n. sp. (Ano beach, Vava'u), *Talorchestia spinipalma*, *Tongorchestia pangaimotu* n. gen, n. sp. (Holeva, Vava'u) and *T. townneri* n. sp., the type species of this new genus (Tufuvai Beach, 'Eau Island).)

LOWRY, J. K. & C. O. COLEMAN 2012. A new terrestrial talitrid genus from the Philippine Islands (Crustacea, Amphipoda, Talitridae) and the designation of two informal subgroups. ---- *Zootaxa* 3400, 64-68. *Curiotalitrus* n. gen., based on *Talitrus curioi*. The informal groups are the *Orchestia* and *Talitrus* groups, with the genera listed for each group.)

LOWRY, J. K. & L. E. HUGHES 2013. *Stebbingiella* Marques-Junior & Senna, 2013 in the family Paragammaropsidae (Crustacea, Amphipoda, Senticaudata). ---- *Zootaxa* 3682, 599-600.

LOWRY, J. K. & A. A. MYERS 2012. New, mainly southern hemisphere, freshwater families of Amphipoda (Crustacea), together with a description of the freshwater calliopiid, *Lutriwita bradburyi* gen. nov. et sp. nov.. ---- *Zootaxa* 3499, 27-45. (This important paper deals with the families Austroniphargidae (with *Austroniphargus*, *Davidia* and *Libertinia*), Chillagoeidae n. fam. (monotypic for *Chillagoe*), Crangoweckeliidae n. fam. (with *Crangoweckelia* and *Pintaweckelia*), Dussartiellidae n. fam. (with *Dussartiella* and *Reinhardia*), Falklandellidae n. fam., (with *Falklandella* and *Praefalklandella*), Giniphargidae (for *Giniphargus*), Pseudingolfiellidae n. fam. (for *Pseudingolfiella*), Pseudoniphargidae (with *Pseudoniphargus* and *Parapseudoniphargus*), Sandroidae n. fam. (for *Sandro*), Seborgiidae, upgraded from subfamily status (with *Relictoseborgia* and *Seborgia*), Sensoratoridae n. fam. (for *Sensorator*), and Uronyctidae n. fam. (for *Uronyctus*). In addition, the freshwater species *Lutriwita bradburyi* n. gen, n. sp. (Calliopiidae) is described from the Hardwood River, W. Tasmania)

LOWRY, J. K. & A. A. MYERS 2012. Podosiridae, a new family of North Atlantic deep sea amphipod (Crustacea, Amphipoda). ---- *Zootaxa* 3546, 81-84.

LOWRY, J. K. & A. A. MYERS 2013. A phylogeny and classification of the Senticaudata subord. nov. (Crustacea: Amphipoda). ---- *Zootaxa* 3610, 1-80. (This is a most important paper, which will no doubt keep a central position for many years to come. The here proposed classification has been presented elsewhere in this newsletter. Here are only listed the new family level taxa, not the plethora of new names of higher categories. New families are the Kairosidae (for *Kairos*), the Eriopisidae (for the *Eriopisa* and *Eriopisella* groups of genera. *Roropisa* is synonymized with *Victoriopisa*), the Nuuanuidae (for *Gammarella* and *Nuuanu*), and the Kerguelenioliidae (for *Kergueleniola*). The family Hyalellidae is reinstated, as is the genus *Dolobrotus* in the Calliopidae.)

MacMILLAN, M. R. & P. A. QUIJON 2012. Wrack patches and their influence on upper-shore abundance in an Atlantic Canada sandy beach system. ---- *Journal of Sea Research* 72, 28-37.

MacNEIL, C. & J.T.A. DICK 2012. Intraguild predation may reinforce a species-environment gradient. ---- *Acta Oecologica* 41: 90-94. (Testing *Gammarus duebeni* and *G. zaddachi* at different salinities showed asymmetric intraguild predation relative to salinity, which can explain different distributions in rivers of the two species.)

MACNEIL, C. & D. PLATVOET 2013. Could artificial structures such as fish passes facilitate the establishment and spread of the 'killer shrimp' *Dikerogammarus villosus* (Crustacea: Amphipoda) in river systems? ---- *Aquatic Conservation: Marine and Freshwater Systems*, in press. DOI: 10.1002/aqc.2337 (Yes, they could)

MADERSPACHER, F. 2012. Evolution: drift will tear us apart. ---- *Current Biology* 22, 909-912 (On the paper by Bauza-Ribot et al.2012)

MAJOR, K. 2012. *Genetic and life history differences among laboratory and wild populations of Hyalella azteca*. ---- M.Sc Thesis, Univ. of Michigan. (Not seen.)

MALEV, O., R. SAUERBORN KLOBUCAR & E. FABRETTI 2012. Comparative toxicity of imidacloprid and its transformation product 6-chloronicotinic acid to non-target aquatic organisms: microalgae *Desmodesmus subspicatus* and amphipod *Gammarus fossarum*. ---- *Pesticide Biochemistry and Physiology* 104, 178-186.

MALEV, O, R. SAUERBORN KLOBUCAR, A. STAMBUK, M. SRUT, N. TPIC POPOVIC, I. STRUNJAK-PEROVIC, I. FABBRETTI, P. TREBSE, G. I. V. KLOBUCAR & R. COZ-RAKOVAC 2012. Activity of multixenobiotic resistance (MXR) mechanism after exposure to neonicotinoid insecticide imidacloprid and its transformation product 6-chloronicotinic acid in amphipod *Gammarus fossarum* and earthworm *Eisenia fetida*. ---- *Annual MGPR meeting 2012 and International Conference on food and health safety, Belgrade, Oct. 2012*, 43-44

MANTZOUKI, E., F. YSNEL, A. CARPENTIER & J. PÉTILLON 2012. Accuracy of pitfall traps for monitoring populations of the amphipod *Orchestia gammarella* (Pallas 1766) in saltmarshes. ---- *Estuarine, Coastal and Shelf Science* 113, 314-316.

MARIN, I., S. SINELNIKOV & A. SOKOLOVA 2013. Ecological remarks and re-description of the hermit crab-associated pleustid amphipod *Pleusymtes japonica* (Gurjanova, 1938) (Crustacea: Amphipoda: Pleustidae, Pleusymtinae) from the Russian coasts of the Sea of Japan. ---- *Zootaxa* 3640, 581-588. (NB. In this most interesting paper the names of the authors are given the Russian way, i.e. with the surname first.)

MARMONIER, P., C. MAAZOUZI, A. FOULQUIER, S. NAVEL, C. FRACOIS, F. HERVANT, F. MERMILLOD-BLONDIN, A. VIENEY, S. BARRAUD, A. TOGOLA & C. PISCART 2013. The use of crustaceans as sentinel organisms to evaluate groundwater ecological quality. ---- *Ecological Engineering* 57, 118-132. i.a. *Gammarus pulex*, *G. roeselii* and *Niphargus rhenorhodanensis*.)

- MARQUES-JUNIOR, P. R. & A. R. SENNA 2013. Description of a new genus and species of the family Melphidippidae Stebbing, 1899 (Crustacea: Amphipoda) from the deep waters of Brazil. ---- *Zootaxa* 3641, 463-475. (Deals with *Stebbingiella globulosa* n. gen, n. sp. from off the São Paulo State coast at 200m---the definition of 'deep waters' differs from country to country. WV)
- MARTINS, I., N. LEITE & E. CONSTANTINO 2013. Consumption and feeding preference of *Echinogammarus marinus* on two different algae: *Fucus vesiculosus* and *Ulva intestinalis*. ---- *Journal of Sea Research* 81, 1-9
- MAURE, F., S. OAYETTE DAOUST, J. BRODEUR, G. MITTA & F. THOMAS 2013. Diversity and evolution of bodyguard manipulation. ---- *Journal of Experimental Biology* 216, 36-49. (A review paper, i.a. amphipods and acanthocephalans.)
- MAYER, G., J. T. HAUG, A. MAAS & D. WALOSZEK 2013. Functional aspects of the gammaridean mandibles with special reference to the lacinia mobilis (Crustacea, Amphipoda). ---- *Zoologischer Anzeiger* 252, 536-547.
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- MCCARTY, A. T. & E. E. SOIKA 2012. Geographic variation in feeding preference of a generalist herbivore: the importance of seaweed chemical defenses. ---- *Oecologia* (in press). (Not seen; the herbivore is *Ampithoe longimana*.)
- MCCORD, S. B. & B. A. KUHLE 2012. Macroinvertebrate community structure and its seasonal variation in the Upper Mississippi River, USA: a case study. ---- *Journal of Freshwater Ecology* 28, 63-78.
- MCLEOD, R. J., G. A. HYNDES, C. L. HURD & R. D. FREW 2013. Unexpected shifts in fatty acid composition in response to diet in a common littoral amphipod. ---- *Marine Ecology Progress Series* 479, 1-12. (*Bellorchestia quoyana* in New Zealand.)
- MÉDOC, V., C. PISCART, C. MAAZOUZI, L. SIMON & J.-N. BEISEL 2011. Parasite-induced changes in the diet of a freshwater amphipod: field and laboratory evidence. ---- *Parasitology* 138, 537-546. (The amphipod is *Gammarus roeselii*, the parasite the acanthocephalan *Polymorphus minutus*.)
- MÉDOC, V., T. SPATARO & R. ARDITI 2013. Prey: predator ratio dependence in the functional response of a freshwater amphipod. ---- *Freshwater Biology* 58, 858-865. (*Echinogammarus berilloni*)
- MEISZNER, K., D. FIORENTINO, S. SCHNURR, P. MARTINEZ ARBIZU, F. HUETMANN, S. HOLST, S. BRIX & J. SVAVARSSON 2013. Distribution of benthic marine invertebrates at northern latitudes—an evaluation applying multi-algorithm species distribution models. ---- *Journal of Sea Research*, in press. (Two of the eight species studied are *Andaniella pectinata* and *Harpinia crenulata*.)
- MEKHANIKOVA, I. V. 2013. (On wearing of mandible teeth and maxilla spines in Baikal amphipods (Crustacea, Gammaridea) during intermoult period.) ---- *Zoologicheskii Zhurnal* 92, 409-414. (In Russian. Studies on *Pallasea grubii*, *Eulimnogammarus ibex atrichus* and *E. violaceus*. Very heavy wear is established.)

MEKHANIKOVA, I. V., D. S. ANDREEV, O. Y. BELOZEROVA, Y. L. MIKHLIN, S. V. LIPKO, I. V. KLIMENKOV, V. V. AKIMOV, V. F. KARGIN, Y. V. MAZUROVA, V. L. TAUSON & Y. L. LIKHOSHWAY 2012. Specific features of mandible structure and elemental composition in the polyphagous amphipod *Acanthogammarus grewingkii* endemic to Lake Baikal. ---- *PloS One* 7 (8), e43073

MICHEL, L. P. DAUBY, S. GOBERT, M. GRAEVE, N. THIELEN & G. LEPOINT 2012. *Trophic tracers reveal considerable diversity among diets of dominant amphipods from Posidonia oceanica seagrass meadows*. ---- Poster, 8th International Conference on Applications of Stable Isotope Techniques to Ecological Studies, Brest, 2012. (Not seen)

MINCHIN, D., E. J. COOK & P. F. CLARK 2013. Alien species in British brackish and marine waters. ---- *Aquatic Invasions* 8, 3-19. doi: <http://dx.doi.org/10.3391/ai.2013.8.1.02>

MINCHIN, D., A. LODOLA & A. OCCHIPINTI-AMBROGI 2012. The occurrence of *Caprella scaura* (Amphipoda: Caprellidae) in marinas in Lanzarote Island (Canary Archipelago, Macaronesia.) ---- *Marine Biodiversity Records* 5, 3113, 5 pp.

MITCHELL, M. L. 2012. *A comparison of terrestrial invertebrate communities in Spartina-invaded and restored Humboldt Bay salt marshes*. ---- M.Sc Thesis, Humboldt State University (Not seen)

MIYAMOTO, H. & H. MORINO 2012. Taxonomic studies on the Talitridae of Taiwan.V. The genus *Brevitalitrus* Bousfield, 1971. ---- *Species Diversity* 17, 187-200. (Not seen, unfortunately. Deals with *B. hortulanus*, new to Taiwan and *B. kumanoi* n. sp. (coastal, Nan Bay).)

MOLISANI, M. M., R. N. COSTA, P. CUNHA, C. E. de REZENDE, M. I. P. FERREIRA & F. DE ASSIS ESTEVES 2012. Acute toxicity bioassay with the amphipod, *Grandidierella bonnieroides* S. after exposure to sediments from an urban estuary (Macaé River estuary, RJ, Brazil). ---- *Bulletin of Environmental Contamination and Toxicology* 90, 79-84.

MONTERROSSO, O., R. RIERO & J. NUÑEZ 2012. Subtidal soft-bottom macroinvertebrate communities of the Canary Islands. An ecological approach. ---- *Brazilian Journal of Oceanography* 60, 1-9.

MORAN, A. L. & H. A. WOODS 2012. Why might they be giants? Towards an understanding of polar gigantism. ---- *The Journal of Experimental Zoology* 215, 1996-2002.

MORINO, H. 2012. A new species of *Kamaka* (Amphipoda: Kamakidae) from Lake Tonle Sap, Cambodia. ---- *Zootaxa* 3297, 64-68. (*K. tonlensis* n. sp. from a freshwater lake.)

MORRISON, S. A., S. T. MCMURRY, L. M. SMITH & J. B. BELDEN 2013. Acute toxicity of pyraclostrobin and trifloxystrobin to *Hyalella azteca*. ---- *Environmental Toxicology and Chemistry* 32, 1516-1525.

MOULDS, T. & P. BANNINK 2012. Preliminary notes on the cavernicolous arthropod fauna of Judbarra/Gregory karst area, northern Australia. ---- *Helictite* 41, 75-85. (One as yet unidentified amphipod species.)

MUGNI, H., A. PARACAMPO, N. MARROCHI & C. BONETTO 2012. Acute toxicity of cypermethrin in the non target organism *Hyalella curvispina*. ---- *Environmental Toxicology and Pharmacology* 35, 88-92.

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- MUNIZ, P., A. M. S. PIRES-VANIN & N. VENTURINI 2013. Vertical distribution patterns of macrofauna in a subtropical near-shore coastal area affected by urban sewage. ---- *Marine Ecology* (2013), 1-18. (Mainly a polychaete study)
- MURILLO, F. J., P. D. MUÑOZ, J. CRISTOBO, P. RIOS, C. GONZALEZ, E. KENCHINGTON & A. SERRANO 2012. Deep-sea sponge grounds of the Flemish Cap, Flemish Pass and the Grand Banks of Newfoundland (Northwest Atlantic Ocean): Distribution and species composition. ---- *Marine Biology Research* 8, 842-854.
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- MYERS, A. A. 2012. Amphipoda (Crustacea) from Palau, Micronesia: families Ampeliscidae, Ampithoidae, Aoridae, Colomastigidae and Cyproideidae. ---- *ZooKeys* 193, 1-25. (Deals with *Ampelisca malakalensis* n. sp., *Byblis levis* n. sp., *Ampithoe cookana*, *A. cf ramondi*, *Cymadusa wistari*, *Paragrubia edgari*, *Plumithoe lata* n. sp., *P. acuticoxa* n. sp., *P. madagascariensis* n. sp., *Bemlos tridens* (transferred from *Microdeutopus*), *Colomastix lecrovae* n. sp., *C. lunailo*, and *Cyproidea excavata* n. sp.. All are from shallow reefs on Palau.)
- MYERS, A.A. & R. RIERA 2013. First record of the genus *Medicorophium* (Amphipoda: Corophiidea) from outside the Mediterranean. ---- *Marine Biodiversity Records* 6, e66, 4 pp. (*M. runcicorne* found in Tenerife, Canary islands. A key to *Medicorophium* species is provided)
- NACONDA, H. M. E. , J. M. OBLIOSCA, M. C. L. TENTA, G. S. JACINTO & M. L. C. SAN DIEGO-McGLONE 2012. Deterioration of soft bottom macroinfaunal communities in a milkfish mariculture zone off Bolinao-Anda, Pangasinan (NW Philippines). ----Pp 387-395 in M. Kawaguchi, K. Misaki, H. Sato, T. Tokokawa, T. M. Nguyen, J. Ono & S. Tanabe (eds): Interdisciplinary Studies on Environmental Chemistry—Environmental Pollution and Ecotoxicology. Terrapub.
- NAHAVANDI, N. V. KETMAIER & R. TIEDEMAN 2012. Intron structure of the Elongation Factor 1-Alpha gene in the Ponto-Caspian amphipod *Pontogammarus maeoticus* (Sowinsky, 1894) and its phylogeographic utility. ---- *Journal of Crustacean Biology* 32(3): 425-433. (Concludes on a major phylogeographic break between the Caspian and the Black Seas, and suggests EF1- α intron as a good marker of phylogeography on a shallow population level)
- NAKA, H., L. A. ACTIS & J. H. CROSA 2013. The anguibactin biosynthesis and transport genes are encoded in the chromosomes of *Vibrio harveyi*: a possible evolutionary origin for the pJM1 plasmid-encoded system of *Vibrio anguillarum*? ---- *Microbiology Open* 2(1), 182-194
- NARAHARA, Y., K. TOMIKAWA & K. TORIGOE 2012. Four species of the genus *Stephonyx* (Crustacea: Amphipoda: Uristidae) from Japan, with description of a new species. ---- *Journal of Natural History* 46, 1477-1507. (Deals with *S. perexcavatus* n. sp. (Okinawa Trough, 1080m), *S. biscayensis*, *S. laqueus* and *S. mytilus*. A key to all species in the genus is provided.)

- NAVARRO-BARRANCO, C., J. M. GUERRA-GARCIA, L. SANCHEZ-TOCINO & J. C. GARCIA-GOMEZ 2012. Soft-bottom crustacean assemblages in Mediterranean marine caves: the cave of Cerro Gordo (Granada, Spain) as case study. ---- *Helgoland Marine Research* 66, 567-576.
- NAVARRO-BARRANCO, C., J. GUERRA-GARCIA, L. SANCHEZ-TOCINO, P. JIMENEZ-PRADA, S. CEA & J. C. GARCIA-GOMEZ 2013. Soft-bottom diversity patterns in marine caves; lessons from crustacean community. ---- *Journal of Experimental Marine Biology & Ecology* 446, 22-28.
- NAVARRO-BARRANCO, C., J. M. TIerno-DE-FIGUEROA, J. M. GUERRA-GARCIA, L. SANCHEZ-TOCINO & J. C. GARCIA-GOMEZ 2013. Feeding habits of amphipods (Crustacea: Malacostraca) from shallow soft bottom communities: Comparison between marine caves and open habitats. ---- *Journal of Sea Research* 78, 1-7. (With lots of interesting and new information.)
- NEEDLES, L. A. & D. A. WENDT 2013. Big changes to a small bay: introduced species and long-term compositional shifts to the fouling community of Morro Bay (CA). ---- *Biological Invasions* 15, 1231-1251. (see p. 1240 for amphipod data.)
- NEGRELLO FILHO, O. A. & P. C. LANA 2013. Short-term stability of estuarine benthic assemblages: are storms pattern-defining events? ---- *Zoologia* 30, 266-272. (A Brazilian study.)
- NEGRO, C. L., M. CASTIGLIONI, I. E. SENKMAN, A. LOTESTE & P. COLLINS 2013. Cost of reproduction. Changes in metabolism and endosulfan lethality caused by reproductive behavior in *Hyalella curvispina* (Crustacea: Amphipoda). ---- *Ecotoxicology and Environmental Safety* 90, 121-127.
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- NISHINO, M. 2012. *Ecological changes in Lake Biwa*. ---- Pp 159-238 in H. Kanawabe et al. (eds). *Lake Biwa. Interactions between nature and people*. Springer Science
- NORWOOD, W. P., U. BORGMANN & D. G. DIXON 2013. An effects addition model, based on bioaccumulation of metals from exposure to mixtures of metals can predict chronic mortality in the aquatic invertebrate *Hyalella azteca*. ---- *Environmental Toxicology and Chemistry* 32, 1672-1681.
- NUÑEZ-PONS, L., M. CARBONE, J. VAZQUEZ, M. GAVAGNIN & C. AVILA 2013. Lipophilic defenses from *Alcyonium* soft corals of Antarctica. ---- *Journal of Chemical Ecology* 39, 675-685. (One of the predators repelled by the chemicals exuded by 6 *Alcyonium* species was the amphipod *Cheirimedon femoratus*.)
- NUÑEZ-PONS, L., M. RODRIGUEZ-ARIAS, A. GOMEZ-GARRETA, A. RIBERA-SIGUAN & C. AVILA 2012. Feeding deterrence in Antarctic marine organisms: bioassays with the omnivore amphipod *Cheirimedon femoratus*. ---- *Marine Ecology Progress Series* 462, 163-174.
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- OLESZCZUK, P., M. RYCAJ, J. LEHMANN & G. CORNELISSEN 2012. Influence of activated carbon and biochar on phytotoxicity of air-dried sewage-sludges to *Lepidium sativum*. ---- *Ecotoxicology and Environmental Safety* 80, 321-326.
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- OLSSON, J., L. BERGSTRÖM & A. GÅRDMARK 2013. Top-down regulation, climate and multi-decadal changes in coastal zoobenthos communities in two Baltic sea areas. ---- *PloS One* 8 (5), e64767.
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- ORTIZ, M., I. WINFIELD & C. VARELA 2012. *Coboldus chazaroi*, a new species of iphimediid amphipod (Amphipoda, Gammaridea, Iphimediidae) from a submarine cave, north Cuba. ---- *Zootaxa* 3441, 47-55. (With a key to *Coboldus* spp.)
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- ÖZANDINLI, M. & C. O. COLEMAN 2012. *Ampithoe bizseli* n. sp. (Crustacea, Amphipoda) from the west coast of Turkey. ---- *Zootaxa* 3388, 17-28. (Near Izmir.)
- ÖZBEK, M. 2013. A new freshwater amphipod species, *Gammarus obruki* sp. nov. from Turkey (Amphipoda: Gammaridea). ---- *Turkish Journal of Zoology* 37, 163-171. (A cave species, found in Bartın province.)
- ÖZBEK, M. 2012. A new freshwater amphipod, *Gammarus katagani* sp. nov., from Turkey. ---- *Zoology in the Middle East* 55, 47-54. (Kütahya province, W. Anatolia)
- ÖZBEK, M., L. YURGA & O. KÜLKÖYLÜOĞLU 2013. *Gammarus baysali* sp. nov., a new freshwater amphipod species from Turkey. *Crustaceana*, in press. (From a cave in Zonguldak vilayet.)
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- PADUA, A., E. LANNA & M. KLAUTAU 2013. Macrofauna inhabiting the sponge *Paraleucilla magna* (Porifera: Calcarea) in Rio de Janeiro, Brazil.). ---- *Journal of the Marine Biological Association UK* 93, 889-898. (Seven amphipod spp, not all identified, in Table 1)
- PARACAMPO, A. H., H. D. MUGNI, P. M. DOMENICO, M. H. PARDI, G. D. BULUS, M. C. ASBORNO & C. A. BONETTO 2012. Toxicity persistence in runoff and soil from experimental soybean plots following insecticide applications. ---- *Journal of Environmental Science and Health B*, in press. (*Hyaella curvispina* one of test organisms.)
- PASCAL, P.-Y. & J. W. FLEEEGER 2013. Diverse dietary responses of saltmarsh consumers to chronic nutrient enrichment. ---- *Estuaries and Coasts*, 1-10. 10.1007/s12237-013-9624-1 (i.a. *Orchestia grillus*.)
- PATRICK, C. J. 2013. The effects of shredder community on the production and quality of fine particulate organic matter. ---- *Freshwater Science* 32, 1026-1035.
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- PAZ-RIOS, C.E. & P.-L. ARDISSON 2013. *Carriboecetes progreso*, a new species of sand-dwelling amphipod (Amphipoda: Corophiidea: Ischyroceridae) from the Gulf of Mexico, with a key for the genus. ---- *Zootaxa* 3652, 370-380. (From Progreso, Yukatan state, Mexico)
- PÉREZ-SCHULTHEISS, J. 2013. *Osornodella gabriellae*, n. gen and n. sp., a new falklandellid (Amphipoda: Gammaridea) from freshwaters of the Chilean Coastal Range. ---- *Zootaxa* 3599, 446-456. (In springs in Osorno province.)
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- PERROT-MINNOT, M.-J., E. DION & F. CÉZILLY 2013. Modulatory effects of the serotonergic and histaminergic systems on reaction to light in the crustacean *Gammarus pulex*. ---- *Neuropharmacology* 75, 31-37.
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- PETRACCO, M., R. S. CARDOSO, T. N. CORBISIER & A. TURRA 2012. Secondary production of sandy beach macrofauna: an evaluation of predictive models. ---- *Estuarine, Coastal and Shelf Science* 115, 359-365.
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- PHILLIPS, M. J., T. J. PAGE, M. de BRUYN, J. A. HUEY, W. F. HUMPHREYS, J. M. HUGHES, S. R. SANTOS, D. J., SCHMIDT & J. M. WATERS 2013. The linking of plate tectonics and evolutionary divergence. ---- *Current Biology* 23-14, 3 pp.
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- PILGRIM, E. M., M. J. BLUM, D. A. REUSSER, H. LEE & J. A. DARLING 2013. Geographic range and structure of cryptic generic diversity among Pacific North American populations of the non-native amphipod *Grandidierella japonica*. ---- *Biological Invasions*, in press.
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- PLOTNIKOV, I. S., N. V. ALADIN, D. KEYSER & Z. K. ERMAKHANOV 2012. Transformation of aquatic animal biodiversity in the Aral Sea. It is not dying, but transforming in accordance with water availability and its salinity. ---- Keynote address, 26 pp. http://www.zin.ru/labs/brackish/pdfs/2012/Transformation_of_Aquatic_Animal_Biodiversity_in_the_Aral_Sea.pdf
- POND, D. W. 2012. The physical properties of lipids and their role in controlling the distribution of zooplankton in oceans. ---- *Journal of Plankton Research* 34, 443-453. (With data on *Eurythenes obesus*)

- POORE, A. G. B. & K. M. GALLAGHER 2013 (published Dec. 2012). Strong consequences of diet choice in a talitrid amphipod consuming seagrass and algal wrack. ---- *Hydrobiologia* 701, 117-127. (Only *Sargassum* was consumed in feeding experiments and only this alga supported high survival in Australian *Notorchestia* sp.)
- POORE, A. G. B., A. GRABA-LANDRY, M. FAVRET, H. SHEPPARD-BRENNAN, M. BYRNE & S. A. DWORJANYN 2013. Direct and indirect effects of ocean acidification and warming on a marine plant-herbivore interaction. ---- *Oecologia* (in press) DOI:10.1007/s00442-013-2683-y (*Peramphithoe parmerong* on *Sargassum linearifolium*, experimental conditions)
- POORE, G. C. B. & N. L. BRUCE 2012 Global diversity of marine isopods (except Asellota and crustacean symbionts). ---- *PLOS Collections*, doi: 10.1371/journal.pone.0043529. (Not about amphipods, but worth reading for amphipod workers)
- POYNTON, H. C., J. M. LAZORCHAK, C. A. IMPELLITERI, B. J. BLALOCK, M. E. SMITH, K. STRUEWING, J. M. UNRINE & D. ROOSE 2013. Toxicity and transcriptomic analysis in *Hyalella azteca* suggests increased exposure and susceptibility of epibenthic organisms to Zinc Oxide nanoparticles. ---- *Environmental Science & Technology* 47, 9453-9460.
- POZNANSKA, M., T. KAKAREKO, M. KRZYZYNSKI & J. KOBAK 2012. Effect of substratum drying on the survival and migrations of Ponto-Caspian and native gammarids (Crustacea: Amphipoda). ---- *Hydrobiologia* 700, 47-59. (A Polish study, dealing with the native *Gammarus fossarum*, and the Ponto-Caspian species *Dikerogammarus haemobaphes*, *D. villosus* and *Pontogammarus robustoides*.)
- PRATO, E., I. PARLAPIANO & F. BIANCOLINO 2013. Seasonal fluctuations of some biological traits of the invader *Caprella scaura* (Crustacea: Amphipoda. Caprellidae) in the Mar Piccolo of Taranto (Ionian Sea, southern Italy). ---- *Scientia Marina* 77, 169-178.
- PRATO, E., I. PARLAPIANO & F. BIANCOLINO 2013. Sublethal effects of copper on some biological traits of the amphipod *Gammarus aequicauda* reared under laboratory conditions. ---- *Chemosphere*, in press
- PRED, C., D. MEMEDEM, M. SKOLKA & D. COGALNICEANU 2012. Early detection of potentially invasive invertebrate species in *Mytilus galloprovincialis* Lamarck, 1819 dominated communities in harbours. ---- *Helgolander Marine Research* 66, 545-556. (A Roumanian study. Amphipods (no aliens) in Table 5.)
- RACHALEWSKI, M., F. BANHA, M. GRABOWSKI & P. M. ANASTACIO 2013. Ectozoochory as a possible vector enhancing the spread of an alien amphipod *Crangonyx pseudogracilis*. ---- *Hydrobiologia* 717, 109-117. (An experimental study on the transport via ducks' feet and plumage.)
- RADA, B. & I. RADA 2012. The first record of *Gammarus aequicauda* (Martynov, 1931) (Amphipoda, Gammaridea) in the estuary of the river Jadr (Adriatic Sea, Croatia). ---- *Crustaceana* 85, 987-991.
- RAMOS, E. & R. RIERA 2011. First record of the species *Microjassa cumbrensis* (Stebbing & Robertson, 1891) (Amphipoda, Ischyroceridae) from the Canary Islands (NE Atlantic Ocean). ---- *Revista de Academia Canariense de Ciencias* 22 (2010), 75-78.

- RASTRICK, S. P. S. & N. M. WHITELEY 2013. Influence of natural thermal gradients on whole animal rates of protein synthesis in marine gammaris amphipods. ---- *Plos One* 8(3), e60050 (*Gammarus duebeni*, *G. locusta*, *G. oceanicus* and *G. setosus*.)
- RAVINESH, R. & A. BIJUKUMAR 2013. Comparison of intertidal biodiversity associated with natural rocky shore and sea wall: A case study from the Kerala coast, India. ---- *Indian Journal of Geo-Marine Studies* 42, 223-235. (Amphipods listed on p. 229)
- REID, W. D. K., B. D. WIGHAM, R. A. C. MCGILL & N. V. C. POLUNIN 2012. Elucidating trophic pathways in benthic deep-sea assemblages of the Mid-Atlantic Ridge north and south of the Charlie-Gibbs Fracture Zone. ---- *Marine Ecology Progress Series* 463, 89-103.
- REN, X.-Q. & Z.-L. SHA 2013. Two new species and one newly recorded species of the genus *Kamaka* (Crustacea: Amphipoda) from the Hainan Province, South China Sea. ---- *Zootaxa* 3630, 391-399. (Deals with *Kamaka excavata*, *K. corophina* n. sp. (Qinglan Peigang) and *K. foliacea* n. sp. (Puqian Beigang). A key to Hainan *Kamaka* is provided.)
- REYNOLDS, P. L. & J. F. BRUNO 2013. Multiple predator species alter prey behavior, population growth, and a trophic cascade in a model estuarine food web. ---- *Ecological Monographs* 83, 119-132. (Not seen)
- RIASCOS, J. M., M. VERGARA, J. FAJARDO, V. VILLEGAS & A. S. PACHECO 2102. The role of hyperiid parasites as a trophic link between jellyfish and fishes. ---- *Journal of Fish Biology* 81, 1686-1695. (A Chilean study of the jellyfish *Chrysaora plocamia*, its associate *Hyperia curticauda* and the predatory fish *Seriorella violacea*.)
- RICHARD, J., S.A. MORLEY, J. DÉLOFFRE & L.S. PECK 2012. Thermal acclimation capacity for four Arctic marine benthic species. *Journal of Experimental Marine Biology and Ecology* 424-425: 38-43. doi:10.1016/j.jembe.2012.01.010 (*Onisimus* sp. from Kongsfjorden in Spitsbergen is one of the four benthic taxa studied.)
- RIGOLET, C., S. F. DUBOIS, G. DROUAI, X. CAISEY & E. THIÉBAUT 2012. Life history and secondary production of the amphipod *Haploops nirae* (Kaim-Malka, 1976) in the Bay of Concarneau (South Brittany). ---- *Estuarine, Coastal & Shelf Science* 113, 259-271. (Not seen.)
- RIGOLET, C., S. F. DUBOIS & E. THIÉBAUT 2013. Benthic control freaks: Effects of the tubicolous amphipod *Haploops nirae* on the specific diversity and functional structure of benthic communities. ---- *Journal of Sea Research*, in press
- de los RIOS ESCALANTE, P., A. MANSILLA & C. B. ANDERSON 2011. The presence of the genus *Hyaella* (Smith, 1875) in water bodies near Puerto Williams (Cape Horn biosphere reserve, 54°S, Chile) (Crustacea, Amphipoda). ---- *Pan-American Journal of Aquatic Sciences* 6, 273-279. (*H. patagonica*)
- de los RIOS ESCALANTE, P., A. MANSILLA & C. B. ANDERSON 2012. (Revision of the distribution of *Hyaella* Smith, 1874 (Crustacea, Amphipoda) in Patagonia and adjacent islands). ---- *Latin American Journal of Aquatic Research* 40, 462-466. (In Spanish, not seen)
- RIVAROLA-DUARTE, L., C. OTTO, D. BEDULINA, A. GURKOV, L. JAKOB, F. JÜHLING, S. SCHREIBER, D. AXENOV-GRIBANOV, M. LUCASSEN, J. HACKENMÜLLER, S. HOFFMANN, F. SARTORIS, H.-O. PÖRTNER, M. TIMOFEYEV, T. LUCKENBACH & P. F. STADLER 2013. A first glimpse at the genome of the Baikalian amphipod

Eulimnogammarus verrucosus. ---- ???????, in press. <http://www.bioinf.uni-leipzig.de/Publications/PREPRINTS/13-003.pdf>

ROBERTSON, D. 2012. Blackbirds feeding on sandhoppers. ---- *Scottish Birds* 32, 133. (Tay estuary, Fife, in very dry weather.)

RODIL, I. F., T. J. COMPTON & M. LASTRA 2012. Exploring macroinvertebrate species distributions at regional and local scales across a sandy beach geographic continuum. ---- *PLoS One* 7 (6), e39609, 18pp. (A study from the north coast of Spain.)

RODIL, J. F., T. J. COMPTON & M. LASTRA 2013. Geographic variation in sandy beach macrofauna community and functional traits. ---- *Estuarine, Coastal and Shelf Science*, in press

RODRIGUES, A.M., V. QUINTINO, F. PEREIRA & R. FREITAS 2012. Alterations in macroinvertebrate spatial patterns in coastal lagoons: Óbidos (NW coast of Portugal) 1984 versus 2002. *Estuarine, Coastal and Shelf Science* 110, 176-189.

RODRIGUES, C. W. & A. M. S. PIRES-VANIN 2012. Spatio-temporal and functional structure of the amphipod communities off Santos, southwestern Atlantic. ---- *Brazilian Journal of Oceanography* 60, 421-439. (A thorough Brazilian study of 60 amphipod species.)

RODRIGUES, S. G., A. A. de P. BUENO & R. L. FERREIRA 2012. The first hypothelminorheic Crustacea (Amphipoda, Dogielinotodae, Hyalella) from South America. ---- *ZooKeys* 236, 65-80. (*Hyalella imbya* Rodrigues & Bueno n.sp (Roque Gonzales, Rio Grande do Sul, Brazil))

RODRIGUEZ, C., A. BOX, S. DEUDERO, & J.M.GUERRA-GARCIA 2009. (Amphipods associated to algal and debris communities with presence of invasive algae *Lophocladia lallemandii* in Sa Dragonera natural park (Balearic islands). ---- *Bolletino de Sociedad de Historia Natural Balears* 52, 203-220. (In Balearic, not seen.)

RODRIGUEZ-PEREZ, H. & A. J. GREEN 2012. Strong seasonal effects of waterbirds on benthic communities in shallow lakes. ---- *Freshwater Science* 31, 1273-1288.

RODRIGUEZ-ROMERO, A., A. KHOSROVYAN, T. A. DEL VALLS, R. OBISPO, F. SERRANO, M. CONRADI & I. RIBA 2013. Several benthic species can be used interchangeably in intergrated sediment quality assessment. ---- *Ecotoxicology and Environmental Safety* 92, 281-288. (i.a. *Ampelisca brevicornis* and *Corophium volutator*.)

ROS, M. & J.M. GUERRA-GARCÍA 2012. On the occurrence of the tropical caprellid *Paracaprella pusilla* Mayer, 1890 (Crustacea: Amphipoda) in Europe. *Mediterranean Marine Science* 13, 134-139. (Found in Cadiz, SW Spain. A map and table of all global records is appended.) <http://www.medit-mar-sc.net>

ROS, M., J. M. GUERRA-GARCIA, M. GONZALEZ-MACIAS, A. SAAVEDRA & C. M. LOPEZ-FE 2012. Influence of fouling communities on the establishment success of alien caprellids (Crustacea: Amphipoda) in Southern Spain. ---- *Marine Biology Research* 9, 293-305. (The aliens *Caprella scaura* amd *Paracaprella pusilla* and the native *Caprella equilibra* in Cadiz marina.)

ROS, M., M. VAZQUEZ-LUIS, J. M. GUERRA-GARCIA 2013. The tropical caprellid amphipod *Paracaprella pusilla*: a new alien crustacean in the Mediterranean Sea. ---- *Helgoland Marine Research*, in press. (Found on Mallorca and Ibiza. Also *Caprella scaura* was found in the Balearics.)

- ROS, M., M. VAZQUEZ-LUIS & J. M. GUERRA-GARCIA 2013. The role of marinas and recreational boating in the occurrence and distribution of exotic caprellids (Crustacea: Amphipoda) in the Western Mediterranean: Mallorca Island as a case study. ---- *Journal of Sea Research*, in press. (Alien caprellids were only found around marinas.)
- ROSS, D. J., A. R. LONGMORE & M. J. KEOUGH 2012. Spatially variable effects of a marine pest on ecosystem function. ---- *Oecologia* 172, 525-538. (The pest in this Australian study is *Sabella spallanzani*.)
- ROTHÄUSLER, E., L. GUTOW & M. THIEL 2012. *Floating seaweeds and their communities*. ---- Pp 359-380 in C. Wiencke & K. Bischof (eds). *Seaweed Biology. Ecological Studies* 219. Springer Verlag, Berlin Heidelberg.
- ROUSI, H., A. O. LAINE, H. PELTONEN, P. KANGAS, A.-B. ANDERSIN, J. RISSANEN, E. SANDBERG-KILPI & E. BONSDORFF 2013. Long-term changes in coastal zoobenthos in the northern Baltic Sea: the role of abiotic environmental factors. ---- *ICES Journal of Marine Science* 67, 149-154 (Strong decrease of *Monoporeia* and *Pontoporeia*.)
- RUBAL, M. & K. LARSEN 2012. A new species of Ingolfiellidae (Peracarida, Amphipoda, Crustacea) from the Azores, Portugal. ---- *Helgoland Marine Research* 67, 149-154. (Deals with *Ingolfiella azorensis* n. sp. from São Miguel Island, Azores)
- SAMMAI, T. & A. J. SMITH 2010. *Relationship between sediment structure and infaunal amphipod communities along the Durban outfalls region on the east coast of South Africa*. ---- MSc Thesis, Univ. of KwaZulu-Natal. (Not seen)
- SANCHEZ-MOYANO, J. E. & I. GARCIA-ASENCIO 2011. Crustacean assemblages along the Guadiana River estuary (south-western Iberian Peninsula). ---- *Journal of the Marine Biological Association UK* 91, 127-138. (Many amphipods listed on p 130.)
- SANJAY, K. S. 2012. Comparative toxicity of nanoparticulate and ionic Zinc to *Leptocheirus plumulosus*. Paper presented at conference "Multidisciplinary approaches to risk assessment for chemicals in the residential environment" at Seoul National University, South Korea. http://www.papersearch.net/google_link/fulltext.asp?file_name=07708138.pdf Water Quality Association. Institute for Water and Wastewater, Joint Conference.
- SASSA, S., S. YANG, Y. WATABE, N. KAJIHARA & Y. TAKADA 2013. Role of suction in sandy beach habitats and the distribution of three amphipod and isopod species. ---- *Journal of Sea Research*, in press. (*Haustorioides japonicus* and *Talorchestia brito*).
- SCHLACHER, T. A. & L. THOMPSON 2013. Spatial structure on ocean-exposed sandy beaches: faunal zonation metrics and their variability. ---- *Marine Ecology Progress Series* 478, 43-55. (A study from E. Australia. The amphipods are *Exoedicerus maculosus*, *Tittakunara katoa* and *Urohaustorius halei*.)
- SCHLETTERER, M. & V.V. KUZOVLEV 2012. Documentation of the presence of *Gmelinoides fasciatus* (Stebbing, 1899) and the native benthic fauna in the Volga River at Tver (Tver Region, Russia). ---- *Aquatic Insects* 34, Suppl1, 139-155.
- SCHÜCKEL, U., M. BECK & I. KRÖNCKE 2012. Spatial variability in structural and functional aspects of macrofauna communities and their environmental parameters in the Jade Bay (Wadden Sea Lower Saxony, southern North Sea). ---- *Helgoland Marine Research* 67, 121-136.

- SCHÜCKEL, U. & I. KRÖNCKE 2013. Temporal changes in intertidal macrofauna communities over eight decades: A result of eutrophication and climate change. ---- *Estuarine, Coastal and Shelf Science* 117, 210-218. (A German study from the Jade Bay.)
- SEAHOLT, C. 2012. *Does size matter? Influence of the body size of Gammarus minus Say, 1818 on benthic macroinvertebrate diversity and community structure in Karst springs of Virginia and West Virginia.* ---- MSc Thesis, American University, Washington DC. (Not seen)
- SENDRA, A. & A. S. P. S. RIBOLEIRA 2012. The world's deepest subterranean community - Krubera-Voronja Cave (Western Caucasus). ---- *International Journal of Speleology* 41 (2), 221-230. <http://dx.doi.org/10.5038/1827-806X.41.2.9> (With *Zenkevichia* sp from 2140m deep in the cave)
- SENNA, A. R. 2012. A new species of *Melita* Leach, 1814 (Amphipoda: Hadzioidea: Melitidae) from Patos Lagoon, southern Brazil. ---- *Nauplius* 20, 125-136. (*Melita petronioi* n. sp.. With a key to Brazilian *Melita*.)
- SENNA, A. R. & C. SEREJO 2012. A new genus and species of Melitidae (Crustacea: Amphipoda; Hadzioidea). ---- *Zootaxa* 3433, 60-68. (*Cuneimelita danielle* n. gen. n. sp. from Rio Grande do Sul, Brazil, a genus in the *Eriopisella* group, close to *Netamelita*.)
- SENNA, A. R. & C. S. SEREJO 2012. A new species and first record of the genus *Nuuanu* (Amphipoda, Hadzioidea, Melitidae) from Brazilian waters. ---- *Zoosystematics and Evolution* 88, 285-292. (*N. peroa* n. sp. (Peroa-Cangoa oil camp, Espirito Santo).)
- SERPETTI, N., E. GONTIKAKI, B. E. NARAYANASWAMY & U. WITTE 2013. Macrofaunal community inside and outside of the Darwin Mounds special area of conservation, NE Atlantic. ---- *Biogeosciences* 10, 3705-3714.
- SHIM, K. C., J. KOPRIVNIKAR & M. R. FORBES 2012. Variable effects of increased temperature on a trematode parasite and its intertidal hosts. ---- *Journal of Experimental Marine Biology and Ecology* 439, 61-68. (The trematode *Gynaecotyla adunca* in its second intermediate host *Corophium volutator*.)
- SHORT, S., Y. GULER, G. YANG, P. KILLE & A. T. FORD 2012. Paramyxean-microsporidian co-infection in amphipods: Is the consensus that Microsporidia can feminise their hosts presumptive? ---- *International Journal of Parasitology* 42, 683-691. (*Echinogammarus marinus* was infected with *Dictyocoela duebenum* which was shown to possibly not directly feminise the host, but rather hitch-hike with another feminising paramyxean parasite)
- SHORT, S., G. YANG, P. KILLE & A. T. FORD 2012. A widespread and distinctive form of amphipod intersexuality not induced by known feminizing parasites. ---- *Sexual Development* 6, 320-324.
- SHU, S.-S., F.-Z. CHEN, J.-X. YANG, X.-J. YANG & X.-Y. CHEN 2013. (Diversity and faunal analysis in Potatso National park, Shangri-La, China.) ---- *Zoological Research* 34, 204-208. (In Chinese; 2 amphipod species.)
- SHU, S. S., X. J. CHANG & X. Y. CHEN 2012. *Gammarus bitaensis*, a new species of amphipod from Yunnan, China (Amphipoda, Gammaridae). ---- *Crustaceana* 88, 1193-1204.
- SIDOROV, D.A. 2012 Two new species of freshwater amphipods (Crustacea: Gammaridae) from Central Asia, with comments on the unusual upper lip morphology. *Zootaxa* 3317, 1-24 (Deals with *Gammarus montaniformis* n. sp. (Kazakhstan), and *G. alius* n. sp. (Kyrgyzstan). Both have peculiar upper lips with 'hooks' on the epistome.)

- SIDOROV, D. A. & A. A. GONTCHAROV 2013. Studies on subterranean crustaceans of Primory, Russia. Part 1. Three new species of the genus *Pseudocrangonyx* from springs and other groundwater habitats in far eastern Russia. ---- *Zootaxa* 3693, 547-567. (Deals with *P. tiunove* n. sp. (near Vladivostok), *P. holsingeri* n. sp. (Steklajnuha River, far east Russia), *P. kseniae* and *P. sympatricus* n. sp. (Kievka River basin, far east Russia))
- SIDOROV, D. A. & D. PALATOV 2012. Taxonomy of the spring-dwelling amphipod *Synurella ambulans* (Crustacea: Crangonyctidae) in West Russia: with notes on its distribution and ecology. ---- *European Journal of Taxonomy* 23, 1-19. (With complete redescription. *Synurella meschtscherica* is synonymized with *S. ambulans*.)
- SIDOROV, D.A., N. N. PANKOV & J. R. HOLSINGER 2012. Distribution and ecology of the subterranean amphipod *Crangonyx chlebnikovi* Borutzky, 1928 (Crustacea: Crangonyctidae), with lectotype designation and comments on morphology of the lateral cephalic lobe. *Arthropoda Selecta* 21 (2), 149-160.
- SIEBENEICHER, S., D.-S. WAHRENDORF, M. A. WETZEL & D. JUNGSMANN 2012. Analysis of burrowing ability as a sublethal endpoint in a marine sediment bioassay with *Corophium volutator*. ---- *Journal of Soils and Sediment* 13, 197-206.
- SØREIDE, J. E., M. L. CARROLL, H. HOP, E. G. AMBROSE, E. N. HEGSETH & S. FALK-PETERSEN 2013. Sympagic-pelagic-benthic coupling in Arctic and Atlantic waters around Svalbard revealed by stable isotopic and fatty acid tracers. ---- *Marine Biology Research* 9, 831-850.
- SORNOM, P., E. GISMONDI, C. VELLINGER, S. DEVIN, J.-F. FÉRARD & J.-N. BEISEL 2012. Effects of sublethal cadmium exposure on antipredator behavioural and antitoxic responses in the invasive amphipod *Dikerogammarus villosus*. ---- *PLoS One* 7 (8), e42435.
- SOUZA-FILHO, J. F. & C. S. SEREJO 2012. Redescription and designation of a neotype for *Eudevelopus capuciatu* (Oliveira, 1955) (Crustacea: Amphipoda: Platyischnopidae) from Brazilian waters, with comments on its cuticular ultrastructures. ---- *Cahiers de Biologie Marine* 53, 469-484. (With many data on the armaments, and a key to the four world *Eudevenopus* species.)
- SPICER, J. I. 2013. Physiological changes accompanying the presence of black gill syndrome in the high shore amphipod *Traskorchestia traskiana*. ---- *Journal of Experimental Marine Biology and Ecology* 446, 131-138.
- STEIN, H., C. GABLER, S. BERKHOFF, D. MATZKE, A. FUCHS & H. J. HAHN 2012. Stygoregions—a promising approach to a bioregional classification of groundwater systems. ---- *Scientific Reports* 2-673 (DOI: 10.1038/srep00673)
- STODDART, H. E. & J. K. LOWRY 2012. Revision of the lysianassoid genera *Acidostoma* and *Shackletonia* (Crustacea: Amphipoda: Acidostomatidae fam. nov.). ---- *Zootaxa* 3307, 1-34. (The family Acidostomatidae is erected for these two genera, and a key is provided to all *Acidostoma* species. The following species are included: *A. australis* n. sp. (Port Kembla, NSW), *A. hancocki*, *A. laticorne*, *A. merimbula* n. sp. (Merimbula, NSW), *A. molarifera*, *A. namibiense* n. sp. (Saldanha Bay, S. Africa = *A. obesum* s. Griffiths), *A. neglectum*, *A. obesum* (generotype, with *A. nodiferum* and *A. sarsi* as junior synonyms. This is discussed extensively), *A. ortum* and *A. pectinata*. *Shackletonia* is monotypic, for *S. robusta*.)

- STRODE, E., N. A. BEREZINA, M. KALNINA & M. BALODE 2013. New records of the amphipods *Gammarus tigrinus* Sexton, 1939 and *Pontogammarus robustoides* G. O. Sars, 1894 in Latvian waters of the Baltic Sea. ---- *BiolInvasion Records* 2, 63-68.
- STUDER, A., L. KREMER, J. NELLES, R. POULIN & D. W. THIETGES 2013. Biotic inference in parasitic transmission: Can the feeding of anemones counteract an increased risk of parasitism in amphipods at higher temperature? ---- *Journal of Experimental Marine Biology and Ecology* 445, 116-119.
- STUDER, A. & R. POULIN 2012. Seasonal dynamics in an intertidal mudflat. The case of a complex trematode life cycle. ---- *Marine Ecology Progress Series* 455, 79-93. (The trematode *Maritrema novaezeelandensis* has as second intermediate host *Paracalliope novizeelandiae*. As you guessed, a New Zealand study.)
- STUDER, A. & R. POULIN 2012. Cercarial survival in an intertidal trematode: a multifactorial experiment with temperature, salinity and ultraviolet radiation. ---- *Parasitological Research* 112, 243-249.
- STUDER, A. & R. POULIN 2013. Differential effects of temperature variability on the transmission of a marine parasite. ---- *Marine Biology*, in press (The trematode *Maritrema novaezeelandensis*, a parasite of *Paracalliope novizeelandiae*.)
- SUNDARAY, D. K., S. YANG, N. KIM, S. LEE & B. LEE 2012. Comparative toxicity of nanoparticulate and ionic zinc to estuarine amphipod *Leptocherius* (sic!) *plumosus* through sediment exposure. ---- (Don't know the journal name, written in Chinese!), 125-126.
- SWEETMAN, A. K., L. A. LEVIN, H. T. RAPP & C. SCHANDER 2013. Faunal trophic structure at hydrothermal vents on the southern Mohn's Ridge, Arctic Ocean. ---- *Marine Ecology Progress Series* 473, 115-131.
- TAKESHITA, F. & S. WADA 2012. Morphological comparison of the second gnathopod in males of four caprellid species (Amphipoda: Caprellidae). ---- *Journal of Crustacean Biology* 32, 673-676. (*C. acanthogaster*, *C. bispinosa*, *C. penantis* and *C. scaura*)
- TAKEUCHI, I. & A. OYAMADA 2012. Description of two species of *Caprella* (Crustacea: Amphipoda: Caprellidae) from the North Pacific: *C. californica* Stimpson, 1857 and *C. scauroides* Mayer, 1903, with a new appraisal of species ranking for *C. scauroides*. ---- *Helgoland Marine Research* 67, 383-396. (The latter taxon is here resurrected as a valid species; it was earlier identified as *C. californica* in East Asia.)
- TANDBERG, A.H.S., H.T. RAPP, C. SCHANDER, W. VADER 2013. A new species of *Exitomelita* (Amphipoda: Melitidae) from a deep-water wood fall in the northern Norwegian Sea. ---- *Journal of Natural History* 47, 1875-1889. DOI:10.1080/00222933.2012.725778 (*E. lignicola* Tandberg & Vader n.sp 73°33'N, 8°17'E, 2830m)
- TEMPERONI, B., M. DELLA VALLE & D. HERNANDEZ 2013. Enhancing fish diet analysis: equations to reconstruct *Themisto gaudichaudii* and *Euphausia lucens* length from partially digested remains. ---- *Marine Biology Research* 9, 327-332.
- THANH, D. N. & L. H. ANH 2011. Crusaceans (sic!) family Melitidae (Amphipoda-Gammaridea) from Vietnam Sea. ---- *Vietnam Journal of Biology* 33-2. (Not seen, unfortunately. The following new species are described: *Ceradocus nghisonensis*, *C. multidentatus*, *C. setosus*, *Melita haiphongensis*, *Quadrimaera vietnamica* and *Q. anhi*.)

- THANH, D. N. & L. H. ANH 2011. Talitrid crustaceans (Amphipoda—Talitridae) from Vietnam Sea. ---- Vietnam Journal of Biology 33-4. (Not seen, unfortunately. The following new species are described: *Platorchestia vietnamica*, *P. vugiaensis* and *Vietorchestia* (n. gen.) *quadrata* .)
- THOMAS, J.D. & L. WATLING 2012. A New Genus and Species of Didymocheliid Amphipod from Hexactinellid Sponges (Crustacea: Amphipoda: Didymocheliidae) from the Western Atlantic Ocean ---- *Bulletin of the Peabody Museum of Natural History* 53(1): 309-323. <http://dx.doi.org/10.3374/014.053.0102> (*Aidamochelia claustricola*, gen. et sp. nov., found in the sponges *Aphrocallistes beatrix* and *Hertwigia falcifera*)
- THOMPSON, B. J. A. RANASINGHE, S. LOWE, A. MELWANI & S. B. WEISBERG 2012. Benthic macrofaunal assemblages of the San Francisco estuary and delta, USA. ---- *Environmental Monitoring and Assessment* 185, 2281-2295.
- TOMIKAWA, K. & H. KOMATSU 2012. A new species of the genus *Dulichella* Amphipoda Melitidae from the Ogasawara Islands, Japan. ---- H. Komatsu, J. Okuma & K. Fukuoka (eds). Studies on Eumalacostraca: a homage to Masatsuna Takeda. *Crustacean Monographs* 17, 315-320. (Not seen. *D. takedai* n. sp.).
- TOMIKAWA, K. & H. MORINO 2012. (An annotated inventory with a key to freshwater Amphipoda (Crustacea) from Japan.) ---- *Taxa, Proceedings of the Japanese Society of Systematic Biology* 32, 39-51. (In Japanese, 36 spp included.)
- TOMIKAWA, K, S. TASHIRI & N. KABAYASHI 2012. First record of *Gammarus koreanus* (Crustacea, Amphipoda, Gammaroidea) from Japan, based on morphology and 28S rRNA gene sequences. ---- *Species Diversity* 17, 39-48.
- TORRECILLA-ROCA, J. & J. M. GUERRA-GARCIA 2012. Feeding habits of the peracarid crustaceans associated to the alga *Fucus spiralis* in Tarifa Island, Cadiz (Southern Spain). ---- *Zoologia Baetica* 23, 39-47. (The dominant species, *Hyale perieri*, fed mostly on the alga itself, but also on small crustaceans.)
- TRONTELJ, P., A. BLEJEC & C. FISER 2012. Ecomorphological convergence of cave communities. ---- *Evolution* 66, 3852-3865. (An important study on 30 *Niphargus* species.)
- TRUHLAR, A. M., J. A. DODD & D. C. ALDRIDGE 2013. Differential leaf-litter processing by native (*Gammarus pulex*) and invasive (*Dikerogammarus villosus*) freshwater crustaceans under environmental extremes. ---- *Aquatic Conservation: Marine and Freshwater Ecosystems*, in press. DOI: 10.1002/aqc.2375
- TUSSENBROEK, B. L. van, L. V. MONROY-VELASQUEZ & V. SOLIS-WEISS 2012. Meso-fauna foraging on seagrass pollen may serve in marine zoophilous pollination. ---- *Marine Ecology Progress Series* 469, 1-6.
- UDEKEM d'ACQZ, C. d' 2012. The genus *Liljeborgia* in the Mediterranean Sea, with the description of a new species. ---- *Zootaxa* 3310, 51-65. (Deals with *L. clytaemnestra* n. sp. (Malta) and *L. dellavallei*. A key is provided.)
- UDEKEM d'ACQZ, C. d' 2012. On the genus *Halirages* (Crustacea, Amphipoda), with the description of two new species from Scandinavia and Arctic Europe. ---- *European Journal of Taxonomy* 7, 1-32. (Deals with *Halirages cainae* n. sp. (69°04'N, 12°28'E, 2600m), *H. quadridentatus* (of which *H. elegans* Norman turns out to be a synonym), and *H. stappersi* n. sp. (Kara Sea, is *H. elegans* s Stappers, nec Norman). An annotated checklist of *Halirages* species, and a key to all species are provided. The genus itself and its borders need further research.)

- UDEKEM d'ACÓZ, C. d' & C. HAVERMANS 2012. Two new *Pseudorchomene* species from the Southern Ocean, with phylogenetic remarks on the genus and related species (Crustacea: Amphipoda: Lysianassoidea: Lysianassidae: Tryphosinae). ---- *Zootaxa* 2012, 1- 50. (This important paper deals with *P. coatsi*, *P. debroyeri* n. sp. (= *P. coatsi* s De Broyer 1983; Falkland Islands, *P. lophorachis* n. sp. (E. Weddell Sea) , *P. plebs* (transferred from *Orchomenella* and *Abyssorchomene*) and *P. rossi* (transferred from *Orchomenopsis* and *Abyssorchomene*.. A key is provided. The authors discuss the status and type species of the genus Tryphosa and conclude that this is a valid genus, with *Anonyx nanus* Krøyer as type species. They also discuss the Antarctic 'orchomenids', on the basis of the molecular work of the second author.)
- UDEKEM d' ACOZ, C. d' & M. VERHEYE 2013. Taxocoenoses of amphipod crustaceans. ---- *Berichte zur Polar- und Meeresforschung* 665, 57-67 (With a preliminary list of species collected and three pages of colour photographs.)
- UGOLINI, A., G. GALANTI & L. MERCATELLI 2012. The skylight gradient of luminance helps sandhoppers in sun and moon identification. ---- *Journal of Experimental Biology* 215, 2814-2819.
- UGOLINI, A., G. GALANTI & L. MERCATELLI 2013. Do sandhoppers use the skylight polarization as a compass cue? ---- *Animal Behaviour* 86, 427-434. (Probably not, although *Talitrus saltator* can perceive polarized light.)
- UGOLINI, A. , G. UNGHERESE, M. CIOFINI, A. LAPUCCI & M. CAMAITI 2013. Microplastic debris in sandhoppers. ---- *Estuarine, Coastal and Shelf Science* 129, 19-22. (Laboratory tests in *Talitrus saltator*.)
- VADER, W. & T. KRAPP-SCHICKEL 2012. On some maerid and melitid material (Crustacea: Amphipoda) collected by the Hourglass Cruises (Florida). Part 2: Genera *Duliciella* and *Elasmopus*, with a key to world *Elasmopus*. ---- *Journal of Natural History* 46 (19-20), 1179-1218. (Deals with *D. lecrovae*, *E. levis* and *E. cf. magnispinatus*)
- VALENCIA, B. & A. GIRALDO 2012. Structure of hyperiid assemblages on Isla Gorgona, eastern tropical Pacific off Colombia. ---- *Journal of the Marine Biological Association UK* 92, 1489-1499. (Not seen. 46 spp reported)
- VALENCIA, B., B. LAVANIEGOS, A. GIRALDO & E. RODRIGUEZ-RUBIO 2013. Temporal and spatial variation of hyperiid amphipod assemblages in response to hydrographic processes in the Panama Bight, eastern tropical Pacific. ---- *Deep-Sea Research I* 173, 46-61.
- VAN BAAK, C. G. C., I. VASILIEV, M. STOICA, K. F. KUIPER, A. M. FORTE, E. ALIYEVA & W. KRIJGSMAN 2012. A magnetostratigraphic time frame for Plio-Pleistocene transgressions in the South Caspian Basin, Azerbaijan. ---- *Global and Planetary Change* 103, 119-134.
- VAN TOMME, J. 2013. *Biotic interactions within sandy beach ecosystems, with implications for an ecological sound beach nourishment*. ---- PhD Thesis, Univ of Ghent, 176 pp (not seen)
- VAN TOMME, J., C. VAN COLEN, S. DEGRAER & M. VINCX 2012. Encounter competition partly explains the segregation of the sandy beach amphipods *Bathyporeia pilosa* and *Bathyporeia sarsi*. A mesocosm experiment. ---- *Journal of Experimental Marine Biology and Ecology* 438, 119-124.
- VÁZQUEZ-LUIS, M., J. A. BERG, P. SANCHEZ-JEREZ & J. T. BAYLE-SEMPERE 2012. Habitat colonization by amphipods: Comparison between native and alien algae. ---- *Journal of Experimental Marine Biology and Ecology* 432-433, 162-170. (A study from Malta and E. Spain.)

- VÁZQUEZ-LUIS, M., J. M. GUERRA-GARCIA, S. CARVALHO & L. PNG-GONZALEZ 2013. *Mantacaprella macaronensis*, a new genus and species of Caprellidae (Crustacea: Amphipoda) from Canary Islands and Cape Verde. ---- *Zootaxa* 3700, 159-172. (The type locality is Arinaga, Gran Canaria)
- VÁZQUEZ-LUIS, M., P. SANCHEZ-JEREZ & J. T. BAYLE-SEMPERE 2013. Does the invasion of *Caulerpa racemosa* var. *cylindracea* affect the feeding habits of amphipods (Crustacea: Amphipoda)? *Journal of the Marine Ecological Association of the UK* 93, 87-94.
- VELLINGER, C., E. GISMONDI, V. FELTEN, Ph. ROUSSELLE, K. MEHENNAOUI, M. PARANT & Ph. USSEGLIO-POLATERA 2013. Single and combined effects of cadmium and arsenate in *Gammarus pulex* (Crustacea, Amphipoda): understanding the links between physiological and behavioural responses. ---- *Aquatic Toxicology* 140/141, 106-116
- VELLINGER, C., V. FELTEN, P. SORNOM, P. ROUSSELLE, J.-N. BEISEL & P. USSEGLIO-POLATERA 2012. Behavioural and physiological responses of *Gammarus pulex* exposed to cadmium and arsenate at three temperatures: individual and combined effects. ---- *Plos One* 7 (6), e 39153
- VELLINGER, C., M. PARANT, P. ROUSSELLE & P. USSEGLIO-POLATERA 2012. Antagonistic toxicity of arsenate and cadmium in a freshwater amphipod (*Gammarus pulex*). --- *Ecotoxicology* 21, 1817-1827.
- VERBERK, W. C. E. P. & D. ATKINSON 2013. Why polar gigantism and Palaeozoic gigantism are not equivalent: Effects of oxygen and temperature on the body size of ectoderms. ---- *Nature, London*, in press
- VIEIRA, J. V., C. A. BORZONE, L. LORENZI & F. GRECCO DE CARVALHO 2012. Human impact on the benthic macrofauna of two beach environments with different morphodynamic characteristics in southern Brazil. ---- *Brazilian Journal of Oceanography* 60, 135-148.
- VITALIANO, J., D. PACKER, R. REID & V. GUIDA 2012. Broad-scale, dense amphipod tube aggregations on the sea bed: implications for resource species that utilize benthic habitats. ---- *Fisheries & Oceanography* 22, 61-67. (The paper is marked 2013, but published 2012. The tubes belonged mostly to *Ericthonius rubricornis*.)
- VOLKOV, A. F. 2012. Is the mass emergence of *Themisto libellula* in the Northern Bering Sea an invasion or a bloom? ---- *Russian Journal of Marine Biology* 38, 465-473. (It appears with cold northern waters.)
- VOLKOV, A. F. 2012. The results of zooplankton studies in the Bering Sea under the NPAFC program (BASIS expedition). Part 1. Eastern areas. ---- *Russian Journal of Marine Biology* 38, 474-494.
- WALTARI, E. & M. J. HICKERSON 2012. Late Pleistocene species distribution modeling of North Atlantic intertidal invertebrates. ---- *Journal of Biogeography* 40, 249-260. (Deals with i.a. *Gammarus duebeni*.)
- WARD, D. J., S. L. SIMPSON & D. F. JOLLEY 2012. Avoidance of contaminated sediments by an amphipod (*Melita plumulosa*), a harpacticoid copepod (*Nitocra spinipes*), and a snail (*Phallomedusa solida*). ---- *Environmental Toxicology and Chemistry* 32, 644-652.
- WATKINS, J. M., L. G. RUDSTAM, D. L. CRABTREE & M. G. WALSH 2013. Is reduced benthic flux related to the *Diporeia* decline? Analysis of spring blooms and whiting events in Lake Ontario. ---- *Journal of Great Lakes Research* 39, 395-403.

- WEBER, L., L. CARVALHO, N. SA, V. SILVA, N. BERLADINI, V. SOUZA & M. CONCEIÇÃO 2013. Genotoxic effects of the water-soluble fraction of heavy oil in the brackish/freshwater amphipod *Quadrivisia aff. lutzii* (Gammaridea) as assessed using the comet assay. ---- *Ecotoxicology* 22, 642-655.
- WEBER, M., A. R. WEY-FABRIZIUS, L. PODSIADLOWSKI, A. WITEK, R. O. SCHILL, L. SUGAR, H. HERLYN & T. HANKELN 2012. Phylogenetic analysis of endoparasitic Acanthocephala based on mitochondrial genomes suggests secondary loss of sense organs. ---- *Molecular Phylogenetics and Evolution* 66, 182-189.
- WESTON, D. P., Y. DING, M. ZHANG & J. LYDY 2012. Identifying the cause of sediment toxicity in agricultural sediments: The role of pyrethroids and nine seldom-measured hydrophobic pesticides. ---- *Chemosphere* 90, 958-964. (*Hyalella azteca* test animal)
- WHITE, K. N. 2012. Seasonal variation in sub-tropical Leucothoidae (Crustacea: Amphipoda) on Okinawa-jima, Japan. ---- *Marine Biodiversity* doi:10.1007/s12526-012-0123-6
- WHITE, K. N. 2013. Connecting the dots: confirmation and description of *Paranamixis misakiensis* Thomas, 1997 leucomorphs (Amphipoda, Leucothoidae). ---- *Crustaceana* 86, 403-415. (Not seen)
- WHITE, K. N., J. K. LOWRY & H. MORINO 2013. A new cave-dwelling talitrid genus and species from Japan (Crustacea: Amphipoda: Talitridae). ---- *Zootaxa* 3682, 240-248. (*Minamitalitrus zoltani* n. gen., n. sp. from the Daito Islands, Okinawa, Japan.)
- WHITE, K. N. & J. D. REIMER 2012. DNA phylogeny of Ryukyus Leucothoidae. ---- *Contributions to Zoology* 81, 159-165.
- WHITE, M. M. & D. B. STRONGMAN 2012. New species of *Spartiella* and *Legeriosimilis* from mayflies and other arthropod-associated trichomycetes from Nova Scotia, Canada. ---- *Botany* 90, 1195-1203 (The trichomycete *Astreptor* is reported from the amphipod *Corophium volutator*.)
- WICHMANN, C.-S., I. A. HINOJOSA & M. THIEL 2012. Floating kelps in Patagonian fjords: an important vehicle for rafting invertebrates and its relevance for biogeography. ---- *Marine Biology* 159, 2035-2049.
- WILDISH, D. J. 2012. Long distance dispersal and evolution of talitrids (Crustacea: Amphipoda: Talitridae) in the northeast Atlantic islands. ---- *Journal of Natural History* 46, 2329-2348. (A fascinating story. The islands in question are the Canary Islands, Madeira and the Azores.)
- WILDISH, D.J., L. PAVESI & V. KETMAIER 2012. Talitrid Amphipods (Crustacea: Amphipoda: Talitridae) and the driftwood ecological niche: an ecological and molecular niche. ---- *Journal of Natural History* 46 (43-44), DOI: 10.1080/00222933.2012.717971
- WILLETTE, D. A. & R. F. AMBROSE 2012. Effects of the invasive seagrass *Halophila stipulacea* on the native seagrass, *Syringodium filiforme*, and associated fish and epibiota communities in the Eastern Caribbean. ---- *Aquatic Botany* 1031, 74-82.
- WILLIAMS, J. D. & C. B. BOYKO 2012. The global diversity of parasitic isopods associated with crustacean hosts (Isopoda: Bopyroidea and Cryptoniscoidea).--- *PLoS One* 7-4, e35350 (The Podasconidae are parasites of amphipods)

WIMP, G. M., S. M. MURPHY, D. LEWIS, M. R. DOUGLAS, R. AMBIKAPATHI, L. VAN-TULL, C. GRATTON & R. F. DENNO 2012. Predator hunting mode influences patterns of prey use from grazing and epigeic food webs. ---- *Oecologia* 171, 505-515.

WINFIELD, I. & M. ORTIZ 2012. A new species of *Ensayara* (Crustacea: Amphipoda: Endeavouridae) from a tropical coral reef system, SW Gulf of Mexico. ---- *Bulletin of Marine Science* 88(2) 327-336. (*Ensayara lozanoi* n.sp. from the Veracruz coral reef system) (Not seen)

WINFIELD, I. & M. ORTIZ 2013. The Caprellidea (Crustacea: Peracarida: Amphipoda) from the Gulf of Mexico with a description of a new species of *Paracaprella*. ---- *Scientia Marina* 77, 161-168. (*Paracaprella guerragarciai* n. sp. from Lobos Coral Reef, Vera Cruz State, Mexico.)

WINFIELD, I., M. ORTIZ & M. E. HENDRICKX 2013. A new deep-water species of *Epimeria* (Amphipod: Gammaridea: Epimeriidae) from the continental slope of western Mexico. ---- *Journal of the Marine Biological Association UK* 93, 991-997. (*E. morronei* n. sp. from the central gulf of California, 1526m. A synoptic key compares this new species to *E. norfanzii* and *E. cora*.)

WONGKAMHAENG, K., B. A. R. AZMAN & R. PUTTAPREECHA 2012. *Cheiriphotis trifurcata*, new species (Crustacea, Amphipoda, Corophiidae, Protomedeiinae) from the seagrass bed of the lower Gulf of Thailand. --- *ZooKeys* 187, 71-89. (From Talet Bay, lower Gulf of Thailand. A key to world *Cheiriphotis* is provided.)

WONGKAMHAENG, K., C. O. COLEMAN & P. PHOLPUNTHIN 2013. *Maeropsis paphavasitae* and *Rotomelita longipropoda*, two new species (Crustacea, Amphipoda) from Lower Gulf of Thailand. ---- *ZooKeys* 307, 15-33. (Both new species from seagrass beds of Talet Bay and Phangan Island.

WONGKAMHAENG, K., C. O. COLEMAN & P. PHOLPUNTHIN 2013. Three new species from the Aoridae and Maeridae (Crustacea, Amphipoda) from Thai waters. ---- *Zootaxa* 3693, 503-533. (. Deals with *Grandidierella phetraensis* n. sp. (Satun province), *Ceradocus andamanensis* n. sp. (Lidee Noi island, Satun prov.) and *Parelasomus siamensis* n. sp. (Chonburi prov.), as well as *Bemlos quadrimanus*, new to Thai waters.)

WONGKAMHAENG, K., A. DARAKRAI & P. PHOLPUNTHIN 2009. New species of *Tethygeneia* (Eusiridae: Amphipoda) and new record of algae-living gammarid amphipods in South Sea Islands Marine National Park, Nakhon Si Thammarat province, Thailand. ---- *The Nagisa World Congress*, 1-20. (Earlier unfortunately overlooked. Deals with *Tethygeneia khanomensis* n. sp., *Ampithoe ramondi*, *A. africana*, *Paradusa bilobata*, *Anamixis* sp. A, *Elasmopus puteus*, *Parhyale aquilina* and *Podocerus andamanensis*.)

WONGKAMHAENG, K., P. PHOLPUNTHIN & B. A. R. AZMAN 2012. *Grandidierella halophilus* a new species of the family Aoridae (Crustacea: Amphipoda) from the saltpans of the inner Gulf of Thailand. ---- *The Raffles Bulletin of Zoology* 60, 433-447. (With a table explaining the differences among 8 closely related *Grandidierella* species. (NB. I have corrected the specific name, an adjective, to *halophila*.WW).)

WYSOCKA, A., M. GRABOWSKI, L. SWOROBOWICZ, A. BURZYNSKI, A. KILIKOWSKA, G. KOSTOSKI & J. SELL 2013. A tale of time and depth: intralacustrine radiation in endemic *Gammarus* species flock from the ancient Lake Ohrid. ---- *Zoological Journal of the Linnean Society* 167, 345-359. (A most interesting and thought-provoking paper.)

- YANG, G. 2013. *Intersexuality and endocrine disruption in the amphipod Echinogammarus marinus: from genes to physiology*. ---- PhD Thesis, Univ. of Aberdeen, Scotland. (Not seen)
- YU, O. H., H.-G. LEE, W. J. SHIM, M. KIM & H. S. PARK 2013. Initial impacts of the Hebei Spirit oil spill on the sandy beach macrobenthic community west coast of Korea. ---- *Marine Pollution Bulletin* 70, 189-196.
- YU, O. H. & H.-L. SUH 2012. Life history and secondary production of the amphilocheid amphipod *Gitanopsis japonica* Hirayama, 1983, on a temperate sandy shore. ---- *Crustaceana* 85, 151-171.
- ZALMON, M. R., C. D. BOINA & T. C. M. ALMEIDA 2012. Artificial reef influence on the surrounding infauna---north coast of Rio de Janeiro State, Brazil. ---- *Journal of the Marine Biological Association UK* 92, 1289-1299. (Not seen)
- ZEEMAN, Z., G. M. BRANCH, D. FARRELL, G. W. MANEVELDT, D. ROBERTSON-ANDERSSON & D. PILLAY 2012. Comparing community structure on shells of the abalone *Haliotis nidae* and adjacent rock: implications for biodiversity. ---- *Marine Biology* 160, 107-117.
- ZEIDLER, W. 2012. A new species of *Mimonecteola* (Crustacea: Amphipoda: Hyperiidea: Mimonecteolidae) from the Southern Ocean. ---- *Zootaxa* 3308, 63-67. (*M. antarctica* n. sp. from the Amundsen Sea, 3477-3678m.)
- ZEIDLER, W. 2012. A review of the hyperiidean amphipod families Mimonectidae and Proscinidae (Crustacea: Amphipoda: Hyperiidea: Scinoidea.) ---- *Zootaxa* 3533, 1-74. (Another one of Wolfgang's excellent monographs on Hyperiidea. In the Proscinidae belong the taxa *Proscina stephensi*, *P. scinoides*, *P. magna* (probably a junior synonym of *Mimonectes loveni*), *P. birsteini* (known only from the type specimen) and *P. vinogradovi* (here transferred to *Mimonectes*). In the Mimonectidae we have *Mimonectes loveni* (with *Sphaeromimonectes cultricornis* and *Parascina fowleri* as junior synonyms), *M. sphaericus* (with *Sphaeromimonectes valdiviae* as junior synonym), *M. gaussi*, *M. diomedae*, , *M. spandlii*, *M. alexanderi* n. sp. (Bay of Biscay), *M. colemani* n. sp. (W. of Gulf of Guinea, Atlantic), *M. neosphaericus* n. sp. (Sagami Bay, Japan), *Pseudomimonectes robustus* (only known from holotype), and *Cheloscina antennula*. The new family Mimoscinae is based on the genus *Mimoscina*, with the species *M. gracilipes*, *M. setosa* and *M. galbraithae* (E. of Cook Strait, New Zealand), while the new family Microscinidae is monotypic, for *Microscina rostrata* n. gen., n. sp. from the SE tropical Atlantic. Keys are provided.)
- ZEMSKAYA, T. I., T. I. SITNIKOVA, S. I. KIYASHKO, G. V. KALMYCHKOV, T. V. POGODAEVA, I. V. MEKHANIKOVA, T. V. NAUMAOVA, O. V. SHUBENKOVA, S. M. CHERNITSINA, O. V. KOTSAR, E. S. CHERNYAEV & O. M. KHLYSTOV 2012. Faunal communities at sites of gas- and oil-bearing fluids in Lake Baikal. ---- *Geo-Mar Letters* 32, 437-451.
- ZHANG, Z.-Q. 2012. A new era in zoological nomenclature and taxonomy: ICZN accepts e-publication and launches ZooBank. ---- *Zootaxa* 3450, 8
- ZHENG, X., L. HUANG, B. HUANG & Y. LIN 2013. Factors regulating population dynamics of the amphipod *Ampithoe valida* in a eutrophic subtropical coastal lagoon. ---- *Acta Oecologica Sinica* 32, 56-65.

New amphipod taxa in AN 37

1. Families and subfamilies

Acidostomatidae Stoddart & Lowry, 2012
Chillagoeidae Lowry & Myers, 2012
Crangoweckeliidae Lowry & Myers, 2012
Dussartiellidae Lowry & Myers, 2012
Eriopisidae Lowry & Myers, 2013
Falklandellidae Lowry & Myers, 2012
Giniphargidae Lowry & Myers, 2012
Hyaellidae Bulycheva, 1957 (revived)
Kairosidae Lowry & Myers, 2013
Kerguelenioidae Lowry & Myers, 2013
Microscinidae Zeidler, 2012
Mimoscinidae Zeidler, 2012
Nuuanuidae Lowry & Myers, 2013
Otagiidae Hughes & Lörz, 2013
Podosiridae Lowry & Myers, 2012
Pseudogolfiellidae Lowry & Myers, 2012
Sandroidae Lowry & Myers, 2012
Seborgiidae Holsinger, 1980 (upgraded)
Sensonatoridae Lowry & Myers, 2012
Uronyctidae Lowry & Myers, 2012

2. Genera and subgenera

Acosta Özdikmen, 2012	Lysianassidae
Aidamochelia Thomas & Watling, 2012	Didymocheliidae
Belgkinoecetes Just, 2012	Ischyroceridae
Britorchestia Lowry & Bopiah, 2012	Talitridae
Cuneimelita Senna & Serejo, 2012	Melitidae
Curiotalitrus Lowry & Coleman, 2012	Talitridae
Dolobrotus Bowman, 1974 (rev.)	Pontogeneiidae
Imbachoculodes Kim, Hendrycks & Lee, 2012	Oedicerotidae
Lutriwita Lowry & Myers, 2012	Calliopiidae
Mantacaprella Vazquez-Luis, Guerra-Garcia, Carvalho & Png-Gonzalez, 2013	Caprellidae
Microtripus Lim, Rahim & Takeuchi, 2012	Phtisicidae
Microscina Zeidler, 2012	Microscinidae
Minamitalitrus White, Lowry & Morino, 2013	Talitridae
Orthomanus Kim, Hendrycks & Lee, 2012	Oedicerotidae
Osornodella Pérez-Schultheiss, 2013	Falklandellidae
Potoberaba Fiser, Zagmajster & Ferreira, 2013	Mesogammaridae
Scutachiltonia King, in King <i>et al.</i> , 2012	Chiltoniidae

Stebbingiella Marques-Junior & Senna, 2013
 (NB moved to Paragammaropsidae by Lowry & Hughes)
Stygochiltonia King, in King *et al.*, 2012
Tongorchestia Lowry & Bopiah, 2013
Tropicoecetes Just, 2012
Vallorchestia Lowry, 2012
Vietorchestia Thanh & Anh, 2011
Yilgarniella King, in King *et al.*, 2012

Melphidippidae

Chiltoniidae
 Talitridae
 Ischyroceridae
 Talitridae
 Talitridae
 Chiltoniidae

3. Species and subspecies

acuticosta Myers, 2012 (*Plumithoe*)
aequidentata Labay, 2013 (*Megamoera*)
akanthius Hughes, 2012 (*Podocerus*)
alexanderi Zeidler, 2012 (*Mimonectes*)
alius Sidorov, 2012 (*Gammarus*)
amabilis Hou, Li & Li, 2013 (*Gammarus*)
andamanensis Wongkamhaeng, Coleman & Pholpunthin, 2013 (*Ceradocus*)
anhi Thanh & Anh, 2011 (*Quadrimaera*)
anivae Labay, 2012 (*Paramoera*)
anneae Just, 2012 (*Rhinoecetes*)
ano Lowry & Bopiah, 2013 (*Platorchestia*)
antarctica Zeidler, 2012 (*Mimonecteola*)
antennata Kaim-Malka, 2012 (*Haploops*)
astericolus Ariyama, 2012 (*Leipsuropsus*)
australis Stoddart & Lowry, 2012 (*Acidostoma*)
axfordi King, in King *et al.*, 2012 (*Scutachiltonia*)
azorensis Rubal & Larsen, 2012 (*Ingolfiella*)
baysali Özbek, Yurga & Külköylüoglu, 2013 (*Gammarus*)
beagle Alonso, 2012 (*Ventojassa*)
bitaensis Shu, Yang & Chen, 2012 (*Gammarus*)
bizseli Özaydinli & Coleman, 2012 (*Ampithoe*)
bradburyi Lowry & Myers, 2012 (*Lutriwita*)
bradfordae King, in King *et al.*, 2012 (*Stygochiltonia*)
bullockyensis Just, 2012 (*Belkginoecetes*)
cainae d'Udekem d'Acoz, 2012 (*Halirages*)
carinata Just, 2012 (*Tropicoecetes*)
carstica Bastos-Pereira & Bueno, 2012 (*Hyaella*)
cathalaa Frutos & Sorbe, 2012 (*Leucothoe*)
chazaroi Ortiz, Winfield & Varela, 2012 (*Coboldus*)
chujaensis Kim, Hoing, Conlan & Lee, 2012 (*Peramphithoe*)
citatus Hou, Li & Li, 2013 (*Gammarus*)
claustricola Thomas & Watling, 2012 (*Aidamochelia*)
clavicarius Hughes, 2013 (*Podocerus*)
clytaemnestra d'Udekem d'Acoz, 2012 (*Liljeborgia*)

Ampithoidae
 Melitidae
 Podoceridae
 Mimonectidae
 Gammaridae
 Gammaridae
 Maeridae
 Maeridae
 Eusiridae
 Ischyroceridae
 Talitridae
 Mimonecteolidae
 Ampeliscidae
 Podoceridae
 Acidostomatidae
 Chiltoniidae
 Ingolfiellidae
 Gammaridae
 Ischyroceridae
 Gammaridae
 Ampithoidae
 Calliopiidae
 Chiltoniidae
 Ischyroceridae
 Calliopiidae
 Ischyroceridae
 Dogielinotidae
 Leucothoidae
 Iphimediidae
 Ampithoidae
 Gammaridae
 Didymocheliidae
 Podoceridae
 Liljeborgiidae

colemani Zeidler, 2012 (<i>Mimonectes</i>)	Mimonectidae
cooee Just, 2012 (<i>Belkginoecetes</i>)	Ischyroceridae
corophina Ren & Sha, 2013 (<i>Kamaka</i>)	Kamakidae
danielle Senna & Serejo, 2012 (<i>Cuneimelita</i>)	Melitidae
darwiniensis Just, 2012 (<i>Belkginoecetes</i>)	Ischyroceridae
debroyeri d'Udekem d'Acoz & Havermans, 2012 (<i>Pseudorchomene</i>)	Tryphosinae
despard Alonso, 2012 (<i>Heterophoxus</i>)	Phoxocephalidae
dhofarensis Jaume & Vonk, 2012 (<i>Metacrangonyx</i>)	Metacrangonyctidae
didymus Krapp-Schickel, 2013 (<i>Erichthonius</i>)	Ischyroceridae
dieteri Coleman & Lowry, 2012 (<i>Pereionotus</i>)	Phliantidae
echinatus Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
egregius Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
eliquatus Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
excavata Myers, 2012 (<i>Cyproidea</i>)	Cyproideidae
falsomikulitschae Labay, 2013 (<i>Megamoera</i>)	Melitidae
ferreus Hughes, 2013 (<i>Podocerus</i>)	Podoceridae
filiola Krapp-Schickel, 2013 (<i>Dexamine</i>)	Dexaminidae
fleurae Just, 2012 (<i>Belkginoecetes</i>)	Ischyroceridae
foliacea Ren & Sha, 2013 (<i>Kamaka</i>)	Kamakidae
gabiae Coleman & Lowry, 2012 (<i>Gabophlias</i>)	Phliantidae
gabrielae Pérez-Schultheiss, 2013 (<i>Osomodella</i>)	Falklandellidae
gageoensis Kim & Min, 2013 (<i>Paciforchestia</i>)	Talitridae
galbraithae Zeidler, 2012 (<i>Mimoscina</i>)	Mimoscinidae
gappai Alonso, 2012 (<i>Ensayara</i>)	Endevouridae
gigas Just, 2013 (<i>Metopa</i>)	Stenothoidae
globulosa Marques-Junior & Senna, 2013 (<i>Stebbingiella</i>)	Melphidippidae
guerrargarciai Winfield & Ortiz, 2013 (<i>Paracaprella</i>)	Caprellidae
haiphongensis Thanh & Anh, 2011 (<i>Melita</i>)	Melitidae
halophila Wongkamhaeng, Pholpuntin & Azman, 2012 (<i>Grandidierella</i>)	Aoridae
hartmuti Coleman & Lowry, 2012 (<i>Pereionotus</i>)	Phliantidae
hirayamai Coleman & Lowry, 2012 (<i>Pereionotus</i>)	Phliantidae
hirtellus Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
holsingeri Sidorov & Gontcharov, 2013 (<i>Pseudocrangonyx</i>)	Pseudocrangonyctidae
hong Ariyama, 2012 (<i>Leipsuropus</i>)	Podoceridae
hwanghaensis Kim, Hendrycks & Lee, 2012 (<i>Sinoediceros</i>)	Oedicerotidae
imbya Rodrigues & Bueno, 2012, in Rodrigues et al. (<i>Hyaella</i>)	Dogielinotidae
jakei Coleman & Lowry, 2012 (<i>Iphiplateia</i>)	Phliantidae
katagani Özbek, 2012 (<i>Gammarus</i>)	Gammaridae
kerstinae Coleman & Lowry, 2012 (<i>Gabophlias</i>)	Phliantidae
khanomensis Wongkamhaeng, Darakrai & Pholpunthin, 2009 (<i>Tethygeneia</i>)	Pontogeneiidae
khayyami Hekmatara, Zaksek, Heidari Baladehi & Fiser, 2013 (<i>Niphargus</i>)	Niphargidae
khwarizmi Hekmatara, Zaksek, Heidari Baladehi & Fiser, 2013 (<i>Niphargus</i>)	Niphargidae
koreanus Kim, Hendrycks & Lee, 2012 (<i>Orthomanus</i>)	Oedicerotidae
krasnodarus Karaman, 2012 (<i>Niphargus</i>)	Niphargidae
kseniae Sidorov, 2012 (<i>Pseudocrangonyx</i>)	Pseudocrangonyctidae

kumanoi Miyamoto & Morino, 2012 (<i>Brevitalitrus</i>)	Talitridae
lata Myers, 2012 (<i>Plumithoe</i>)	Ampithoidae
lecroyae Myers, 2012 (<i>Colomastix</i>)	Colomastigidae
levis Myers, 2012 (<i>Byblis</i>)	Ampeliscidae
lifou Bopiah & Hughes, 2013 (<i>Mallacoota</i>)	Maeridae
lignicola Tandberg & Vader, 2013 (<i>Exitomelita</i>)	Melitidae
longipropoda Wongkamhaeng, Coleman & Pholpunthin, 2013 (<i>Rotomelita</i>)	Melitidae
lophorachis d'Udekem d'Acoz & Havermans, 2012 (<i>Pseudorchomene</i>)	Tryphosinae
lovrichi Alonso, 2012 (<i>Erikus</i>)	Amaryllididae
lozano Winfield & Ortiz 2012 (<i>Ensayara</i>)	Endevouridae
lucayensis Jaume, Iliffe & van der Ham, 2013 (<i>Psammogammarus</i>)	Eriopisidae
luquei Ortiz & Winfield, 2012 (<i>Leucothoe</i>)	Leucothoidae
macaronensis Vazquez-Luis, Guerra-Garcia, Carvalho & Png- Gonzalez, 2013 (<i>Mantacaprella</i>)	Caprellidae
madagascariensis Myers, 2012 (<i>Plumithoe</i>)	Ampithoidae
malakalensis Myers, 2012 (<i>Ampelisca</i>)	Ampeliscidae
margcomosus Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
mariae Lowry, 2012 (<i>Bellorchestia</i>)	Talitridae
marleneae Coleman & Lowry, 2012 (<i>Iphiplateia</i>)	Phliantidae
merimbula Stoddart & Lowry, 2012 (<i>Acidostoma</i>)	Acidostomatidae
miscix Hughes, 2013 (<i>Podocerus</i>)	Podoceridae
mizegwaden Bopiah & Hughes, 2013 (<i>Mallacoota</i>)	Maeridae
montaniformis Sidorov, 2012 (<i>Gammarus</i>)	Gammaridae
morronei Winfield, Ortiz & Hendrickx, 2013 (<i>Epimeria</i>)	Epimeriidae
multidentatus Thanh & Anh, 2011 (<i>Ceradocus</i>)	Maeridae
namarensis Horton & Thurston, 2013 (<i>Hirondellea</i>)	Hirondelleidae
namhaensis Kim, Hendrycks & Lee, 2012 (<i>Imbachoculodes</i>)	Oedicerotidae
namibiense Stoddart & Lowry, 2012 (<i>Acidostoma</i>)	Acidostomatidae
neosphaericus Zeidler, 2012 (<i>Mimonectes</i>)	Mimonectidae
nghisonensis Thanh & Anh, 2011 (<i>Ceradocus</i>)	Maeridae
normae Ortiz, Winfield & Varela, 2012 (<i>Boca</i>)	Aristiidae
novazealandica Lörz, in Lörz et al., 2012 (<i>Rhachotropis</i>)	Eusiridae
obruki Özbek, 2012 (<i>Gammarus</i>)	Gammaridae
oliphant Hughes, 2012 (<i>Podocerus</i>)	Podoceridae
ona Alonso, 2012 (<i>Lysianopsis</i>)	Lysianassidae
orontes Hughes, 2013 (<i>Podocerus</i>)	Podoceridae
pangaimotu Lowry & Bopiah, 2013 (<i>Tongorchestia</i>)	Talitridae
paphavasitae Wongkamhaeng, Coleman & Pholpunthin, 2013 (<i>Maeropsis</i>)	Maeridae
parda Alonso, 2012 (<i>Aora</i>)	Aoridae
peartae Andrade & Senna, 2013 (<i>Cymadusa</i>)	Ampithoidae
perexcavatus Narahara, Tomikawa & Torigoe, 2012 (<i>Stephonyx</i>)	Uristidae
peroa Senna & Serejo, 2012 (<i>Nuuanu</i>)	Melitidae
petronioi Senna, 2012 (<i>Melita</i>)	Melitidae
phetraensis Wongkamhaeng, Coleman & Pholpunthin, 2013 (<i>Grandidierella</i>)	Aoridae
porakuara Fiser, Zagmajster & Ferreira, 2013 (<i>Potiberaba</i>)	Mesogammaridae

potiguar Fiser, Zagmajster & Ferreira, 2013 (<i>Seborgia</i>)	Seborgiidae
progreso Paz-Rios & Ardisson, 2013 (<i>Caribboecetes</i>)	Ischyroceridae
quadrata Thanh & Anh, 2011 (<i>Vietorchestia</i>)	Talitridae
quintasana Hughes & Bopiah, 2013 (<i>Nuuanu</i>)	Nuuanuidae
rivalis Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
rockingham Hughes, 2013 (<i>Podocerus</i>)	Podoceridae
rostrata Zeidler, 2012 (<i>Microscina</i>)	Microscinidae
scauroides Mayer, 1903 (<i>Caprella</i>) revived	Caprellidae
setosus Thanh & Anh, 2011 (<i>Ceradocus</i>)	Maeridae
siamensis Wongkamhaeng, Coleman & Pholpunthin, 2013 (<i>Parelasomopus</i>)	Maeridae
silendus Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
similidentata Labay, 2013 (<i>Megamoera</i>)	Melitidae
smithi Lowry, 2012 (<i>Platorchestia</i>)	Talitridae
solea Just, 2012 (<i>Belkinoecetes</i>)	Ischyroceridae
springthorpei Just, 2012 (<i>Belkinoecetes</i>)	Ischyroceridae
stappersi d'Udekem d'Acoz, 2012 (<i>Halirages</i>)	Calliopiidae
striata Labay, 2013 (<i>Megamoera</i>)	Melitidae
stuckeyorum Hughes & Bopiah, 2013 (<i>Nuuanu</i>)	Nuuanuidae
sturtensis King, in King <i>et al.</i> , 2012 (<i>Yilgarniella</i>)	Chiltoniidae
surera Alonso, 2012 (<i>Oradarea</i>)	Calliopiidae
sympatricus Sidorov & Gontcharov, 2013 (<i>Pseudocrangonyx</i>)	Pseudocrangonyctidae
takedai Ariyama, 2012 (<i>Bollegidia</i>)	Bogidiellidae s.l.
takedai Aoki & Ito, 2012 (<i>Caprella</i>)	Caprellidae
takedai Tomikawa & Komatsu, 2012 (<i>Dulichella</i>)	Melitidae
tamoshanta Hughes, 2012 (<i>Podocerus</i>)	Podoceridae
tinggiensis Lim, Rahim & Takeuchi, 2012 (<i>Microtripus</i>)	Phtisicidae
titaseyi Hughes & Bopiah, 2013 (<i>Nuuanu</i>)	Nuuanuidae
tiunovi Sidorov & Gontcharov, 2013 (<i>Pseudocrangonyx</i>)	Pseudocrangonyctidae
tonlensis Morino, 2012 (<i>Kamaka</i>)	Kamakidae
towneri Lowry & Bopiah, 2013 (<i>Tongorchestia</i>)	Talitridae
tranquillus Hou, Li & Li, 2013 (<i>Gammarus</i>)	Gammaridae
triceratops Hughes, 2013 (<i>Laetmatophilus</i>)	Podoceridae
trifurcata Wongkamhaeng, Azman & Puttapreecha (<i>Cheiriphotis</i>)	Protomedeiinae
tshaensis Labay, 2013 (<i>Armatomelita</i>)	Melitidae
turcicus Andreev & Kenderov, 2012 (<i>Niphargus</i>)	Niphargidae
verenaee Coleman & Lowry, 2012 (<i>Iphiplateia</i>)	Phliantidae
vietnamica Thanh & Anh, 2011 (<i>Platorchestia</i>)	Talitridae
vietnamica Thanh & Anh, 2011 (<i>Quadrimaera</i>)	Maeridae
vietnamensis Kim, Hendrycks & Lee, 2012 (<i>Imbachoculodes</i>)	Oedicerotidae
vugianensis Thanh & Anh, 2011 (<i>Floresorchestia</i>)	Talitridae
vulgaris Hughes, 2012 (<i>Podocerus</i>)	Podoceridae
xepenehe Bopiah & Hughes, 2013 (<i>Mallacoota</i>)	Maeridae
yongensis Coleman & Lowry, 2012 (<i>Pereionotus</i>)	Phliantidae
zoltani White, Lowry & Morino, 2013 (<i>Minamitalitrus</i>)	Talitridae

4. New taxa ranked taxonomically after families

Acidostomatidae

Acidostoma **australis**, **merimbula**, **namibiense**

Amaryllididae

Erikus **lovrichi**

Ampeliscidae

Ampelisca **malakalensis**

Byblis **levis**

Haploops **antennata**

Ampithoidae

Ampithoe **bizseli**

Cymadusa **peartae**

Peramphithoe **chujaensis**

Plumithoe **acuticosta**, **lata**, **madagascariensis**

Aoridae

Aora **parda**

Grandidierella **halophila**, **phetraensis**

Aristiidae

Boca **normae**

Bogidiellidae

Bollegidia **takedai**

Calliopiidae

Halirages **cainae**, **stappersi**

Oradarea **surera**

Lutriwita bradburyi

Caprellidae

Caprella **scauroides**, **takedai**

Mantacaprella macaronensis

Paracaprella **guerragarciai**

Chillagoeidae

Chiltoniidae

Scutachiltonia axfordi

Stygochiltonia bradfordae

Yilgarniella sturtensis

Colomastigidae

Colomastix **lecroyae**

Crangoweckeliidae

Cyproideidae

Cyproidea **excavata**

Dexaminidae

Dexamine **filiola**

Didymocheliidae

Aidamochelia claustricola

Dussartiellidae

Endevouridae

Enseyara **gappai, lozano**

Epimeriidae

Epimeria **morronei**

Eriopisidae

Cuneimelita danielle

Psammogammarus **luayensis**

Eusiridae

Rhachotropis **novazealandica**

Falklandellidae

Osornodella gabriela

Gammaridae

Gammarus **alius, amabilis, baysali, bitaensis, citatus, echinatus, egregius, eliquatus, hirtellus, katagani, margcomosus, montaniformis, obruki, rivalis, sliendus, tranquillus**

Giniphargidae

Hirondelleidae

Hirondellea **namarensis**

Hyalellidae (rev.)

Hyalella **carstica, imbya**

Ingolfiellidae

Ingolfiella **azorensis**

Iphimediidae

Coboldus **chazaroi**

Ischyroceridae

Belkginoecetes bullockyensis, cooe, darwiniensis, fleurae, solea, springthorpei

Caribboecetes **progreso**

Erichthonius **didymus**

Rhinoecetes **anneae**

Tropicoecetes carinata

Ventojassa **beagle**

Kamakidae

Kamaka **corophina, foliacea, tonlensis**

Kairosidae

Kerguelenioidae

Leucothoidae

Leucothoe **cathalaa, luquei**

Liljeborgiidae

Liljeborgia **clytaemnestra**

Lysianassidae

Acosta punctata

Lysianopsis **ona**

Maeridae

Ceradocus **andamanensis, multidentatus, nghisonensis, setosus**

Maeropsis **paphavasitae**

Mallacoota **lifou, mizegwaden, xepenehe**

Parelasmopus **siamensis**

Quadrimaera **anhi, vietnamica**

Melitidae

Armatomelita tshaensis

Cuneimelita danielle

Dulichella **takedai**

Exitomelita **lignicola**

Megamoera **aequidentata, falsomikulitschae, simillidentata, striata**

Melita **haiphongensis, petronioi**

Nuuanu **peroa**

Rotomelita **longipropoda**

Mesogammaridae

Potiberaba porakuara

Metacrangonyctidae

Metacrangonyx **dhofarensis**

Microscinidae

Microscina rostrata

Mimonekteolidae

Mimonekteola **antarctica**

Mimonectidae

Mimonectes **alexanderi, colemani, neosphaericus**

Mimoscinidae

Mimoscina **galbraithae**

Niphargidae

Niphargus **khayyami, khwarizmi, krasnodari, turcicus**

Nuuanuidae

Nuuanu **peroa, quintasana, stuckeyorum, titaseyi**

Oedicerotidae

Imbachoculodes namhaensis, vietnamensis

Orthomanus koreanus

Sinoedicerus **hwanghaensis**

Otagiidae

Paragammaropsidae

Stebbingiella globulosa

Phliantidae

Gabophlias **gabiae, kerstinae**

Iphiplateia **jakei, marleneae, verenaee**

Pereionotus **dieteri, hartmuti, hirayamai, yongensis**

Phoxocephalidae

Heterophoxus **despard**

Phtisicidae

Microtripus tinggiensis

Podoceridae

Laetmatophilus **triceratops**

Leipsuropus **astericolus**, **hongii**

Podocerus **akanthius**, **clavicarius**, **ferreus**, **miscix**, **oliphant**, **orontes**, **rockingham**, **tamoshanta**, **vulgaris**

Podosiridae

Pontogeneiidae

Dolobrotus (rev.)

Paramoera **anivae**

Tethygeneia **khanomensis**

Protomedeiinae

Cheiriphotis **trifurcata**

Pseudocrangonyctidae

Pseudocrangonyx **holsingeri**, **sympatricus**, **tiunovi**

Pseudingolfiellidae

Sandroidae

Seborgiidae (upgraded)

Seborgia **potiguar**

Sensonatoridae

Stenothoidae

Metopa **gigas**

Talitridae

Bellorchestia **mariae**

Brevitalitrus **kumanoi**

Britorchestia

Curiotalitrus

Floresorchestia **vugiaensis**

Minamitalitrus zoltani

Paciforchestia **gageoensis**

Platorchestia **ano**, **smithi**, **vietnamica**, **vugiaensis**

Tongorchestia pangaimotu, **towneri**

Vallorchestia

Vietorchestia quadrata

Tryphosinae

Pseudorchomene **debroyeri**, **lophorachis**

Uristidae

Stephonyx **perexcavatus**

Uronyctidae

For contributions to future Amphipod newsletters:

Please contact Wim ([wim.vader\(at\)uit.no](mailto:wim.vader@uit.no)), Adam ([abaldinger\(at\)oeb.harvard.edu](mailto:abaldinger@oeb.harvard.edu)), Miranda ([m.loewe\(at\)nhm.ac.uk](mailto:m.loewe@nhm.ac.uk)) or Anne Helene ([annehelene.tandberg\(at\)imr.no](mailto:annehelene.tandberg@imr.no)). We are always happy to hear from you: what do you want us to include in the newsletter, do you have information about meetings, how do you think we can improve?

Thank you for your help!

Wim, Adam, Miranda and Anne Helene